

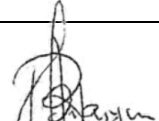


# **SPECIFICATION FOR SUPPLY OF PERSONAL PROTECTIVE EQUIPMENT FOR TRANSNET ENGINEERING - ROLLING STOCK MAINTENANCE CONTAINER CORRIDOR & NORTH CORRIDOR**

DOCUMENT REVIEW AND APPROVAL			
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Date	2023/11/08	2023/11/08	2023/11/08
Signature			

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## 1. Purpose of this document

To specify requirements for sourcing a reputable and suitable Service Provider for the supply and delivery of Personal Protective Equipment (PPE) for Transnet Engineering (TE) Rolling Stock Maintenance (RSM), Container Corridor and North Corridor.

## 2. Background & Need

In terms of the occupational health and safety legislation framework, it is the obligation of the employer to ensure that employees are provided with suitable personal protective equipment in line with the exposure, to ensure that employees can carry out their duties without endangering their health and safety, and that they are trained on how to use them. TE has also made commitment to ensure prevention of occupational injuries and diseases through its SHE policy statement.

### 2.1 Supply:

The service provider should have capacity to provide required services for Transnet Engineering (TE) Rolling Stock Maintenance (RSM), Container Corridor and North Corridor.

### 2.2 Delivery:

Delivery of PPE items to be made at the various locations within Transnet Engineering (TE) Rolling Stock Maintenance (RSM), Container and North Corridor.

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RSM Corridors	Delivery Location	Province	City/Town	Physical Address	GPS Coordinates
Container Corridor	Umbilo	KwaZulu Natal	Durban	4001,Umbilo,Durban	GPS: -29.53` 49"S 30°
North Corridor	Richards Bay	KwaZulu Natal	Richards Bay	3900, Richards Bay	GPS: -28.75046,32.05267

### 3. Performance

The supplier performance will be managed through monthly and/or weekly meetings in line with the delivery schedule as agreed upon with TE.

### 4. Description of Goods and Services Required

- Ensure employees are provided with suitable personal protective equipment as and when required.
- Supplier to arrange and coordinate the supply, delivery, fitting and exchange of personal protective equipment if needed.
- Attending to and coordinate individual personal protective equipment needs.
- Attending to special personal protective equipment e.g., due to medical conditions, accidents, genetic.
- Manage and coordinate Podiatrist/Orthopaedic Surgeon/Foot Specialist (foot specialist must be trained either as an orthopaedic surgeon or as a podiatrist) visits. Make payment arrangements for consultation fee, prescription custom orthotics and prescription custom insoles. The rate of the Podiatrist/Orthopaedic Surgeon/Foot Specialist fee is subject to approval by Transnet Engineering before commencement.

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- Attending to safety boot/shoe requirements for special feet e.g., due to medical conditions, accidents, genetic, wearing the wrong safety boots for some time, bigger sizes, smaller sizes, depending on Safety Footwear recommendations outcome.
- This must also be seen as a PPE project/pilot seeking for continuous improvement and involves regular interviewing of end users, day to day assessment, monitoring, feedback, investigation, follow up, recommendations, corrective actions, and trialling of PPE. It is critical for the supplier to join hands with Transnet Engineering (TE) Rolling Stock Maintenance (RSM) Container Corridor and North Corridor on this PPE journey to identify suitable and effective PPE.
- Attending to PPE requirements depending on trialling outcome.
- Supplier to arrange, facilitate and coordinate required PPE training (physical and on-line training) including, but not limited to, the use, maintenance, storage, disposal and legal requirements of PPE.
- Provision of PPE manuals for demonstration of safe use.

## 5. Project Outcomes and Targets

- To be able to supply personal protective equipment to Transnet Engineering (TE) Rolling Stock Maintenance (RSM) Container Corridor and North Corridor employees that comply to legal requirements and standard.
- Supply personal protective equipment that is effective and suitable for Transnet Engineering (TE) Rolling Stock Maintenance (RSM) Container Corridor and North Corridor work environment and addressing the risks associated with the inherent requirements of the job (tasks which are essential to perform a job and without which the position or the job cannot successfully function).

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## 6. Legal and Other Requirements

- Service provider must ensure compliance with the Occupational Health and Safety Act, 1993 (Act 85 of 1993) and applicable regulations.
- Service Provider must comply with SABS, SANS, EN, ISO Standards and other Transnet requirements for Document Control purposes.

## 7. General

- Prospective Service Providers will complete all the necessary documents in full and must indicate whether their offer complies with each item of the specification.
- Should there be insufficient space for furnishing full details, Service Providers shall provide the additional details in their covering letter. The additional details shall be numbered in accordance with the applicable clause specified in the specification.
- Prospective Service Providers are considered as experts in their field, they are obliged to identify any shortcomings, such as omissions or sub-standard requirements, to the completeness of this specification. These must be brought to the attention of Transnet Engineering (TE) Rolling Stock Maintenance (RSM) Container Corridor and North Corridor at tendering stage with alternatives to address.
- Prospective Service Providers shall ensure that all PPE supplied to Transnet Engineering (TE) Rolling Stock Maintenance (RSM) Container and North Corridor comply with all approved Specifications and approved item numbers/code.
- Prospective Service Providers shall ensure that all PPE supplied are of good quality and comply with the specification.
- **Similar and/or Equivalent:** Refer to Product Specification for description of Similar and/or Equivalent.
- **NB:** Non-conformance (NCR) shall be issued by SHEQ department for defective PPE and/or PPE that doesn't comply with the specification. Following which such PPE shall be returned to the suppliers for replacement as per manufactures warranty period.
- **Critical Note:** Supplier to present test samples of proposed PPE prior award of Purchase Order or Contract for trialling, if required, and approval by Operations and SHEQ Department.

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- As far as reasonably practicable, PPE should not be made of material which is harmful to the health of employees such as, synthetic material and/or chemical ingredients.

### Logo

- The Transnet Engineering Logo must be used.
- Refer to Transnet CI branding requirements for Transnet Engineering Logo.



### Labelling (Label & care-labelling)

All labels shall:

- Be white woven rayon labels that are printed.
- Comply with SANS 1309 "Printed labels for textiles) --- information to be in legible block letters of height at least 3mm.
- Permanently secured.
- Be such that they outlast the garment (including the marking).
- Separate size label on a pair of Trousers and Jacket.
- Examples of label:

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### Jacket

To fit CHEST 102cm

### Trousers

To fit CHEST 102cm  
To fit Waist 92 cm

#### TRANSNET

Manufacturer's name

ITEM NO:

35/000000

Size: 97 cm

Spec. No: G205

100% Cotton

MADE IN SOUTH AFRICA

Y.O.M 2020

VAT No: 0000000

### Label (Also as specified in CSS 286.21 LAB/1)

- Each Jacket shall have, sewn-in with the centre back collar seam on the inside, a label that provides information as below.
- Each Trouser shall have, sewn-in right front waistband  $\pm$  90mm from fly opening.

### Care-Labeling (Can be an integral part of the Label, printed on the back of the label)

- Each garment shall have a label that provides correct and appropriate care instructions (in words and symbols, in accordance with SANS 10011 "Care-labelling of textiles piece-goods, textiles and clothing").
- Each label to include the composition of the main fabric in accordance with the requirements of SANS 10235 "Fibre-content labelling of textiles and textile products.

### Packing

The PPE shall be:

- Delivered in a commercially dry condition.
- So packed that they will not be damaged in transit or in storage.
- Acceptably packed for transportation in acceptable bulk containers.

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## Bulk Containers

Each bulk container shall have supporting documents in the form of a Delivery Note, Purchase Order, and Invoice when delivered to all Transnet warehouses. The supporting documents should provide the following information:


- The purchase order number.
- The item number(s).
- The item description and quantity.

## 8. Specifications for Personal Protective Equipment


The successful service provider will be required to supply and deliver on the following:

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## Category 1 – Head Protection

Required PPE	Product Specification
<p><b>Classification:</b> Bump Cap, Safety</p> <p><b>Type:</b> Uvex U-cap Sport Vent /Similar and/or Equivalent with Short Brim</p> 	<p><b>Head Protection</b></p> <p><b>Item:</b></p> <p><b>Bump Cap (General Work)</b></p> <p><u>Description (Including <b>Special Features</b> and Properties)</u></p> <p>This is a short brim Bump Cap with flexible plastic shell for protection against grazes and bumps. Integrated shock-absorbing elements with honeycomb structure. Integrated sweat band or high wearing comfort. The cap can be quickly and easily fitted to the head using the adjustable Velcro fastening. Armadillo design provides additional flexibility and ergonomically adapts to different head shapes and sizes. Mesh fabric section for improved ventilation. Size: 52-54cm, 55-59cm &amp; 60-63cm.</p> <p><u>PPE Category</u> Head Protection</p> <p><u>PPE Sub-Category</u> General Work</p>


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Required PPE	Product Specification
<p><b>Classification:</b> Bump Cap, Safety</p> <p><b>Type:</b> Uvex U-cap Sport Vent /Similar and/or Equivalent with Short Brim</p>  <p>(Continue)</p>	<p><b>Head Protection: Bump Cap – General Work</b></p> <p><u>Main Process</u></p> <p>Assembling, Carrying, Checking, Climbing, Closing, Dismantling, Examining, Maintenance, Hammering, Handling, Inspection, Lifting, Operating, Re-railing, Stacking &amp; Storage and Walking Activities.</p> <p><u>Application</u></p> <p>Walking and working in warehouses, workshops and yards, climbing stairs, doing maintenance, assembling &amp; dismantling, working underneath wagons and locomotives, working in awkward positions and handling of components.</p> <p><u>Type of Protection</u></p> <p>Protection against <u>grazes and bumps</u>.</p>




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Required PPE	Product Specification
<p><b><u>Classification:</u></b> Bump Cap, Safety</p> <p><b><u>Type:</u></b> Uvex U-cap Sport Vent /Similar and/or Equivalent with Short Brim</p>  <p>(Continue)</p>	<p><b><u>Head Protection: Bump Cap – General Work</u></b></p> <p><b><u>Product Information</u></b></p> <p><b>Size:</b> 52-54cm, 55-59cm &amp; 60-63cm</p> <p><b>Colour:</b> Black</p> <p><b><u>Material</u></b></p> <ul style="list-style-type: none"> <li>• ABS (Acrylonitrile Butadiene Styrene)</li> <li>• Cotton</li> <li>• Mesh Fabric</li> </ul> <p><b><u>Weight</u></b></p> <ul style="list-style-type: none"> <li>• 180g</li> </ul> <p><b><u>Length of peak</u></b></p> <ul style="list-style-type: none"> <li>• Approximately 4cm</li> </ul> <p><b><u>Embroidered logo</u></b></p> <p>The Transnet Engineering logo shall be embroidered with embroidery thread in white at front area of bump cap. Refer to Transnet CI branding requirements for Transnet Engineering Logo.</p> 



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Required PPE	Product Specification
<p><b>Classification:</b> Bump Cap, Safety</p> <p><b>Type:</b> Uvex U-cap Sport Vent /Similar and/or Equivalent with Short Brim</p>  <p>(Continue)</p>	<p><b>Head Protection: Bump Cap – General Work</b></p> <p><u>Performance Standards and Approvals, Norms &amp; Certifications</u></p> <p>EN 812 Standard – Industrial Bump Caps</p>



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Required PPE	Product Specification
<p><b>Classification:</b> Hard Hat, Safety</p> <p><b>Type:</b> Nikki 1 HHAT13200/Similar and/or Equivalent, Hard Hat, Short Peak Industrial Ratchet Lining: White, Visit Sidings</p> <div>  <p>Short Peak</p> </div> <div>  <p>Ratchet Lining</p> </div>	<p><b>Head Protection</b></p> <p><b>Item:</b></p> <p><b>Safety Hard Hat (Visit Sidings)</b></p> <p><u>PPE Category</u></p> <p>Head Protection</p> <p><u>PPE Sub-Category</u></p> <p>Visit Sidings</p> <p><u>Logo</u></p> <p>Add Transnet Engineering logo to front of safety hard hat. Products use must not react with the plastic of the hard hat causing chemical reactions with the plastic and compromise the safety of the wearer. Refer to Transnet CI branding requirements for Transnet Engineering Logo.</p> <div>  <p>delivering freight reliably engineering</p> </div> <p><u>Performance Standards and Approvals, Norms &amp; Certifications</u></p> <p>SANS 1397 Standard – Industrial Safety Helmets</p> <p>SANS 724 Standard - Personal Protective Equipment: Protective clothing against the thermal hazards of an electric arc</p> <p>SABS approved with Mark Scheme No. 6921.</p> <p><u>Directive</u></p> <p>Protection scope: Personal Protective Equipment Regulation 2016/425</p>

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Required PPE	Product Specification
<p><b>Classification:</b> Helmet, Safety</p> <p><b>Type:</b> Uvex Pheos Alpine, 9773050/Similar and/or Equivalent, White, Safety Helmet, Work at Heights, Confined Space &amp; Breakdown</p> 	<p><b>Head Protection</b></p> <p><b>Item:</b></p> <p><b>Safety Helmet (Work at Heights, Confined Space &amp; Breakdown)</b></p> <p><u>PPE Category</u></p> <p>Head Protection</p> <p><u>PPE Sub-Category</u></p> <p>Work at Heights, Confined Space &amp; Breakdown</p> <p><u>Logo</u></p> <p>Add Transnet Engineering logo to front of safety helmet. Products use must not react with the plastic of the hard hat causing chemical reactions with the plastic and compromise the safety of the wearer. Refer to Transnet CI branding requirements for Transnet Engineering Logo.</p>  <p><u>Performance Standards and Approvals, Norms &amp; Certifications</u></p> <p>EN 397 Standard – Industrial Safety Helmets EN 12492 Standard - Mountaineering equipment. Helmets for mountaineers. Safety requirements and test methods.</p> <p><u>Directive</u></p> <p>Protection scope: Personal Protective Equipment Regulation 2016/425</p>

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Required PPE	Product Specification
<p><b><u>Classification:</u></b> Hard Hat Brim, Safety</p> <p><b><u>Type:</u></b> Hard Hat Brim, Stewart Blue, J54, 100% Cotton</p> <div>  </div> <div>  </div>	<p><b><u>Head Protection</u></b></p> <p><b><u>Item:</u></b></p> <p><b>Safety Hard Hat Brim (Outdoor)</b></p> <p><u>PPE Category</u></p> <p>Face Protection</p> <p><u>PPE Sub-Category</u></p> <p>Outdoor</p> <p><u>Performance Standards and Approvals, Norms &amp; Certifications</u></p> <p>SANS1387 Standard – Workwear Standard – Applies to woven cotton fabrics, SABS Approved, Ultraviolet Protection</p> <p><u>Directive</u></p> <p>Protection scope: Personal Protective Equipment Regulation 2016/425</p>

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Required PPE	Product Specification
<p><b><u>Classification:</u></b> Sun Hat, Safety</p> <p><b><u>Type:</u></b> Sun Hat, Bush Style, Chin Strap, Stewart Blue, J54, 100% Cotton</p> 	<p><b><u>Head Protection</u></b></p> <p><b><u>Item:</u></b></p> <p><b>Safety Sun Hat (General Work - Outdoor)</b></p> <p><u>PPE Category</u></p> <p>Head &amp; Face Protection</p> <p><u>PPE Sub-Category</u></p> <p>General Work – Outdoor</p> <p><u>Embroidered logo</u></p> <p>The Transnet Engineering logo shall be embroidered with embroidery thread in white at front area of bump cap. Refer to Transnet CI branding requirements for Transnet Engineering Logo.</p>  <p><u>Performance Standards and Approvals, Norms &amp; Certifications</u></p> <p>SANS1387 Standard – Workwear Standard – Applies to woven cotton fabrics, SABS Approved, Ultraviolet Protection</p> <p><u>Directive</u></p> <p>Protection scope: Personal Protective Equipment Regulation 2016/425</p>

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Required PPE	Product Specification
<p><b><u>Classification:</u></b> Welders Hood, Safety</p> <p><b><u>Type:</u></b> Welders Hood, D59, Flame &amp; Acid Treated</p> 	<p><b><u>Head Protection</u></b></p> <p><b><u>Item:</u></b></p> <p><b>Welders Hood (Welding)</b></p> <p><u>PPE Category</u></p> <p>Head Protection</p> <p><u>PPE Sub-Category</u></p> <p>Welding</p> <p><u>Performance Standards and Approvals, Norms &amp; Certifications</u></p> <p>SANS1387 Standard – Workwear Standard – Applies to woven cotton fabrics</p> <p>SANS1423 Standard – Requirements for textile fabrics of low flammability</p> <p>SABS Approved</p> <p>Flame &amp; Acid Treated</p> <p><u>Directive</u></p> <p>Protection scope: Personal Protective Equipment Regulation 2016/425</p>

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## Eye Protection

Required PPE	Product Specification
<p><b>Classification:</b> Spectacles, Safety</p> <p><b>Type:</b> MSA Alternator Spectacle/Similar and/or Equivalent – Clear Lens, Dust</p>   <p>(Continue)</p>	<p><b>Eye Protection</b></p> <p><b>Item:</b></p> <p><b>Safety Spectacles [General Work (Dust and Foreign Objects)]</b></p> <p><u>Description (Including <b>Special Features</b> and Properties)</u></p> <p>The Spectacle is a multi-talent spectacle for various applications. Anti-fog coating. The scratch-resistant, hard coated 100% polycarbonate lens filter out more than 99.9% of harmful UV light. Stylish two-colour frame. Resilient and durable frame with 8.0 Curve full wraparound lens gives the fashionable and characteristic image of this spectacle while providing a pressure-free fit with the acutest vision and most panoramic view as well as maximal impact protection. The foam carrier can not only provide a snug fit but also offer dust protection. Vented temples with good lateral protection not only provide better ventilation, but also bring 2-color image. Each spectacle to be delivered with 1 slip-on cord and 1 microfiber soft-bag.</p> <p><u>PPE Category</u></p> <p>Eye Protection</p> <p><u>PPE Sub-Category</u></p> <p>General Work – Dust and Foreign Objects</p>


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Required PPE	Product Specification
<p><b>Classification:</b> Spectacles, Safety</p> <p><b>Type:</b> MSA Alternator Spectacle/Similar and/or Equivalent – Clear Lens, Dust</p>  <p>(Continue)</p>	<p><b>Eye Protection: Safety Spectacles – General Work (Dust and Foreign Objects)</b></p> <p><u>Main Process</u></p> <p>Assembling, Carrying, Checking, Climbing, Closing, Dismantling, Examining, Maintenance, Hammering, Handling, Inspection, Lifting, Operating and Breakdown.</p> <p><u>Application</u></p> <p>Working Indoor &amp; Outdoor, Working in Workshop, Working in Yard, Maintenance of Diesel and Electrical Locomotives, Wagons &amp; Coaches, Maintenance of Machines by PEMM, Assembling, Dismantling, Working Underneath Loco's, Wagons &amp; Coaches, Working in Awkward Positions, Handling of Diesel and Electrical Locomotive, Wagons &amp; Coaches Components, Handling Hand Tools, Overall Valves, Operating Bulldozer and other Heavy Earth Moving Machinery, Re-railing of Locomotives and Wagons, Working Outdoors in Windy and Dusty Conditions and Working Outdoors Nearby Traffic Movement on Gravel Road.</p> <p><u>Type of Protection</u></p> <p>Protection against Dust and other Flying Foreign Objects from entering the eyes. Filter out more than 99.9% of harmful UV light.</p>


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Required PPE	Product Specification																																
<p><b>Classification:</b> Spectacles, Safety</p> <p><b>Type:</b> MSA Alternator Spectacle/Similar and/or Equivalent – Clear Lens, Dust</p> <div></div> <p>(Continue)</p>	<p><b>Eye Protection: Safety Spectacles – General Work (Dust and Foreign Objects)</b></p> <p><u>Product Information</u></p> <p><b>Material</b> – Polycarbonate</p> <p><u>Spectacle Composition:</u></p> <table><tr><th>Component</th><th>Colour</th><th>Material</th><th>Features</th></tr><tr><td>Lens</td><td>Clear</td><td>Polycarbonate</td><td>8 Base Curve, Wrap around design w/side protection</td></tr><tr><td>Frame</td><td>Black/Grey</td><td>Polycarbonate</td><td>Semi-Frame</td></tr><tr><td>Foam Carrier (Non-Vented Insert)</td><td>Black/Grey</td><td>Nylon and PU Foam</td><td>Functional accessory for not only snug fit but for dust protection</td></tr><tr><td>Temple</td><td>Black</td><td>Polycarbonate</td><td>Spatula, vented parts clipped to temples</td></tr><tr><td>Vented Part</td><td>Grey</td><td>Polycarbonate</td><td>Spatula, vented parts clipped to temples</td></tr><tr><td>Hinge</td><td>Black</td><td>Polycarbonate</td><td>3 Barrel Type, Integral to Frame/Temple</td></tr><tr><td>Screw</td><td>Silver</td><td>Stainless Steel</td><td>Standard Hinge Screw</td></tr></table>	Component	Colour	Material	Features	Lens	Clear	Polycarbonate	8 Base Curve, Wrap around design w/side protection	Frame	Black/Grey	Polycarbonate	Semi-Frame	Foam Carrier (Non-Vented Insert)	Black/Grey	Nylon and PU Foam	Functional accessory for not only snug fit but for dust protection	Temple	Black	Polycarbonate	Spatula, vented parts clipped to temples	Vented Part	Grey	Polycarbonate	Spatula, vented parts clipped to temples	Hinge	Black	Polycarbonate	3 Barrel Type, Integral to Frame/Temple	Screw	Silver	Stainless Steel	Standard Hinge Screw
Component	Colour	Material	Features																														
Lens	Clear	Polycarbonate	8 Base Curve, Wrap around design w/side protection																														
Frame	Black/Grey	Polycarbonate	Semi-Frame																														
Foam Carrier (Non-Vented Insert)	Black/Grey	Nylon and PU Foam	Functional accessory for not only snug fit but for dust protection																														
Temple	Black	Polycarbonate	Spatula, vented parts clipped to temples																														
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Screw	Silver	Stainless Steel	Standard Hinge Screw																														



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Required PPE	Product Specification														
<p><b>Classification:</b> Spectacles, Safety</p> <p><b>Type:</b> MSA Alternator Spectacle/Similar and/or Equivalent – Clear Lens, Dust</p>  <p>(Continue)</p>	<p><b>Eye Protection: Safety Spectacles – General Work (Dust and Foreign Objects)</b></p> <p><u>Product Information (Continue)</u></p> <p><u>General:</u></p> <p><u>Dimensions and Weight</u></p> <table border="1"> <tr> <td>General</td><td></td></tr> <tr> <td>Weight (g)</td><td>39</td></tr> <tr> <td>Overall Width (mm)</td><td>136.5</td></tr> <tr> <td>Lens Thickness (mm)</td><td>2.3</td></tr> <tr> <td>Lens Size (mm)</td><td>44 Vertical, 68.4 Diagonal</td></tr> <tr> <td>Lens Base</td><td>8.0 Curve</td></tr> <tr> <td>Temple Length (mm)</td><td>166</td></tr> </table>	General		Weight (g)	39	Overall Width (mm)	136.5	Lens Thickness (mm)	2.3	Lens Size (mm)	44 Vertical, 68.4 Diagonal	Lens Base	8.0 Curve	Temple Length (mm)	166
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Required PPE	Product Specification
<p><b>Classification:</b> Spectacles, Safety</p> <p><b>Type:</b> MSA Alternator Spectacle/Similar and/or Equivalent – Clear Lens, Dust</p>  <p>(Continue)</p>	<p><b>Eye Protection: Safety Spectacles – General Work (Dust and Foreign Objects)</b></p> <p><u>Mechanical Rating (Minimum) – Protection and Resistance</u></p> <p>Standard Number.: EN166: 2001</p> <p><b>Frame Marking: EN 166-F CE</b></p> <p>Accredited Standard Number: EN 166  Mechanical Resistance: F (Low Energy Impact 45m/s)  CE Marking according to European Directive for Personal Protective Equipment (PPE) 89/686/EEC: CE</p> <p><b>Lens Marking: 2-1.2 1F CE</b></p> <p>Filtering Properties: 2 (Ultraviolet Radiation)  Shade Number: 1.2 (1.2 [Lightest] to 16), Luminous transmittance - 89%  Optical Class: 1 (1 [Best Class, For Permanent Wear] to 3)  Mechanical Resistance: F (Low Energy Impact 45m/s)  CE Marking according to European Directive for Personal Protective Equipment (PPE) 89/686/EEC: CE</p> <p><u>Performance Standards and Approvals, Norms &amp; Certifications</u></p> <p>EN166: 2001 Standard – Personal Eye Protection  EN170: 2002 Standard – Personal eye-protection - Ultraviolet filters - Transmittance requirements and recommended use  ANSI Z87.1-2020 – The American National Standard Institute (ANSI) – Occupational and Educational Personal Eye and Face Protection Devices</p> <p><u>Directive</u>  Protection scope: Personal Protective Equipment Regulation 2016/425</p>

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Required PPE	Product Specification
<p><b>Classification:</b> Spectacles, Safety</p> <p><b>Type:</b> MSA Alternator Spectacle/Similar and/or Equivalent – Clear Lens, Dust</p>  <p>(Continue)</p>	<p><b>Eye Protection: Safety Spectacles – General Work (Dust and Foreign Objects)</b></p> <p><u>Marking: Performance Standards and Approvals, Norms &amp; Certifications</u></p> <div style="text-align: center;">   <b><u>Frame Marking:</u></b>  <b><u>EN 166-F CE</u></b>  <b><u>Lens Marking:</u></b>  <b><u>2-1.2</u></b>  <b><u>1F CE</u></b> </div>

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Required PPE	Product Specification
<p><b>Classification:</b> Spectacles, Safety</p> <p><b>Type:</b> MSA Spirit 2/Similar and/or Equivalent, Safety Goggle Type Spectacle – Clear Lens, Dust</p>    <p>(Continue)</p>	<p><b>Eye Protection</b></p> <p><b>Item:</b></p> <p><b>Safety Spectacles [General Work (Dust and Foreign Objects)]</b></p> <p><u>Description (Including <b>Special Features</b> and Properties)</u></p> <p>The Safety Goggle Type Spectacle – Clear Lens is a multi-talent spectacle for various applications. Anti-fog coating. The scratch-resistant, hard coated 100% polycarbonate lens filter out more than 99.9% of harmful UV light. Stylish two-colour frame. Resilient and durable frame with 9.5 Curve full wraparound lens gives the fashionable and characteristic image of this spectacle while providing a pressure-free fit with the acutest vision and most panoramic view, as well as maximal impact resistance against flying particles. The TPE (Thermo Plastic Rubber) carrier can not only provide a snug fit but also offer dust protection. Angle adjustable ratchet with fully adjustable elastic band. Indirect ventilation allows utmost air flow, while providing proper protection against dust. Each spectacle to be delivered with 1 slip-on cord and 1 microfiber soft-bag.</p> <p><u>PPE Category</u></p> <p>Eye Protection</p> <p><u>PPE Sub-Category</u></p> <p>General Work – Dust and Foreign Objects</p>


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Required PPE	Product Specification
<p><b>Classification:</b> Spectacles, Safety</p> <p><b>Type:</b> MSA Spirit 2/Similar and/or Equivalent Safety Goggle Type Spectacle – Clear Lens, Dust</p>    <p>(Continue)</p>	<p><b>Eye Protection: Safety Spectacles – General Work (Dust and Foreign Objects)</b></p> <p><u>Main Process</u></p> <p>Assembling, Carrying, Checking, Climbing, Closing, Dismantling, Examining, Maintenance, Hammering, Handling, Inspection, Lifting, Operating and Breakdown.</p> <p><u>Application</u></p> <p>Working Indoor &amp; Outdoor, Working in Workshop, Working in Yard, Maintenance of Diesel and Electrical Locomotives, Wagons &amp; Coaches, Maintenance of Machines by PEMM, Assembling, Dismantling, Working Underneath Loco's, Wagons &amp; Coaches, Working in Awkward Positions, Handling of Diesel and Electrical Locomotive, Wagons &amp; Coaches Components, Handling Hand Tools, Overall Valves, Operating Bulldozer and other Heavy Earth Moving Machinery, Re-railing of Locomotives and Wagons, Working Outdoors in Windy and Dusty Conditions and Working Outdoors Nearby Traffic Movement on Gravel Road.</p> <p><u>Type of Protection</u></p> <p>Protection against Dust and other Flying Foreign Objects from entering the eyes. Filter out more than 99.9% of harmful UV light.</p>


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Required PPE	Product Specification																								
<p><b>Classification:</b> Spectacles, Safety</p> <p><b>Type:</b> MSA Spirit 2/Similar and/or Equivalent Safety Goggle Type Spectacle – Clear Lens, Dust</p>  <p>(Continue)</p>	<p><b>Eye Protection: Safety Spectacles – General Work (Dust and Foreign Objects)</b></p> <p><u>Product Information</u></p> <p><b>Material</b> – Polycarbonate</p> <p><u>Spectacle Composition:</u></p> <table><tr><th>Component</th><th>Colour</th><th>Material</th><th>Features</th></tr><tr><td>Lens</td><td>Clear</td><td>Polycarbonate</td><td>9.5 Base Curve, Wrap around design with full eye protection</td></tr><tr><td>Frame</td><td>Black/Grey</td><td>Polycarbonate &amp; TPE</td><td>Co-material frame provides flexible fitting</td></tr><tr><td>Nose Piece</td><td>Black</td><td>Bridge - Polycarbonate Nose Pad - TPE</td><td>Integral to frame Comfortably soft for universal fitting</td></tr><tr><td>Ratchet Parts</td><td>Black/Grey</td><td>Nylon</td><td>Snap on frame with angle adjustment</td></tr><tr><td>Headband</td><td>Textile Elastic</td><td>Black</td><td>Adjustable Elastic fixed on Frame side parts</td></tr></table>	Component	Colour	Material	Features	Lens	Clear	Polycarbonate	9.5 Base Curve, Wrap around design with full eye protection	Frame	Black/Grey	Polycarbonate & TPE	Co-material frame provides flexible fitting	Nose Piece	Black	Bridge - Polycarbonate Nose Pad - TPE	Integral to frame Comfortably soft for universal fitting	Ratchet Parts	Black/Grey	Nylon	Snap on frame with angle adjustment	Headband	Textile Elastic	Black	Adjustable Elastic fixed on Frame side parts
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Required PPE	Product Specification														
<p><b>Classification:</b> Spectacles, Safety</p> <p><b>Type:</b> MSA Spirit 2/Similar and/or Equivalent Safety Goggle Type Spectacle – Clear Lens, Dust</p>  <p>(Continue)</p>	<p><b>Eye Protection: Safety Spectacles – General Work (Dust and Foreign Objects)</b></p> <p><u>Product Information (Continue)</u></p> <p><u>General:</u></p> <p><u>Dimensions and Weight</u></p> <table border="1"> <tr> <td>General</td><td></td></tr> <tr> <td>Weight (g)</td><td>41</td></tr> <tr> <td>Overall Width (mm) – hinge-hinge</td><td>122</td></tr> <tr> <td>Lens Thickness (mm)</td><td>2.3</td></tr> <tr> <td>Lens Size (mm)</td><td>51 Vertical, 78 Diagonal</td></tr> <tr> <td>Lens Base</td><td>9.5 Curve</td></tr> <tr> <td>Temple Length (mm)</td><td>64</td></tr> </table>	General		Weight (g)	41	Overall Width (mm) – hinge-hinge	122	Lens Thickness (mm)	2.3	Lens Size (mm)	51 Vertical, 78 Diagonal	Lens Base	9.5 Curve	Temple Length (mm)	64
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Required PPE	Product Specification
<p><b>Classification:</b> Spectacles, Safety</p> <p><b>Type:</b> MSA Spirit 2/Similar and/or Equivalent Safety Goggle Type Spectacle – Clear Lens, Dust</p>  <p>(Continue)</p>	<p><b>Eye Protection: Safety Spectacles – General Work (Dust and Foreign Objects)</b></p> <p><u>Mechanical Rating (Minimum) – Protection and Resistance</u></p> <p>Standard Number.: EN166: 2001</p> <p><b>Frame Marking: EN 166-FT CE</b></p> <p>Accredited Standard Number: EN 166</p> <p>Mechanical Resistance: F (Low Energy Impact 45m/s)</p> <p>Extreme Temperatures: T (Additional resistance at Extreme Temperatures [-5°C and 55°C])</p> <p>CE Marking according to European Directive for Personal Protective Equipment (PPE) 89/686/EEC: CE</p> <p><b>Lens Marking: 2-1.2 1FT CE</b></p> <p>Filtering Properties: 2 (Ultraviolet Radiation)</p> <p>Shade Number: 1.2 (1.2 [Lightest] to 16), Luminous transmittance - 89%</p> <p>Optical Class: 1 (1 [Best Class, For Permanent Wear] to 3)</p> <p>Mechanical Resistance: F (Low Energy Impact 45m/s)</p> <p>Extreme Temperatures: T (Additional resistance at Extreme Temperatures [-5°C and 55°C])</p> <p>CE Marking according to European Directive for Personal Protective Equipment (PPE) 89/686/EEC: CE</p> <p><u>Performance Standards and Approvals, Norms &amp; Certifications</u></p> <p>EN166: 2001 Standard – Personal Eye Protection</p> <p>EN170: 2002 Standard – Personal eye-protection - Ultraviolet filters - Transmittance requirements and recommended use</p> <p>ANSI Z87.1-2020 – The American National Standard Institute (ANSI) – Occupational and Educational Personal Eye and Face Protection Devices</p> <p><u>Directive</u></p> <p>Protection scope: Personal Protective Equipment Regulation 2016/425</p>


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Required PPE	Product Specification
<p><b>Classification:</b> Spectacles, Safety</p> <p><b>Type:</b> MSA Spirit 2/Similar and/or Equivalent, Safety Goggle Type Spectacle – Clear Lens, Dust</p>    <p>(Continue)</p>	<p><b>Eye Protection: Safety Spectacles – General Work (Dust and Foreign Objects)</b></p> <p><u>Marking: Performance Standards and Approvals, Norms &amp; Certifications</u></p>  <p><b><u>Frame Marking: EN 166-FT CE</u></b></p> <p><b><u>Lens Marking: 2-1.2 1FT CE</u></b></p>

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Required PPE	Product Specification
<p><b>Classification:</b> Goggle - Overspecs, Safety</p> <p><b>Type:</b> Uvex Megasonic, 9320 265/Similar and/or Equivalent, Goggle – Clear Lens</p> 	<p><b>Eye Protection</b></p> <p><b>Item:</b></p> <p><b>Safety Goggle Overspecs (General Work - Dust &amp; Other Flying Foreign Objects)</b></p> <p><u>PPE Category</u></p> <p>Eye Protection</p> <p><u>PPE Sub-Category</u></p> <p>General Work - Dust &amp; Other Flying Foreign Objects</p> <p><u>Performance Standards and Approvals, Norms &amp; Certifications</u></p> <p>EN166 Standard – Personal Eye Protection</p> <p>EN170 Standard – Personal Eye Protection - Ultraviolet filters - Transmittance requirements and recommended use</p> <p>PPE Category: Category II</p> <p><u>Directive</u></p> <p>Protection scope: Personal Protective Equipment Regulation 2016/425</p>

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Required PPE	Product Specification
<p><b><u>Classification:</u></b> Goggle - Prescription, Safety</p> <p><b><u>Type:</u></b> Uvex, Carbonvision RX 5501/Similar and/or Equivalent, Goggle, RX Insert – Clear Lens</p> 	<p><b><u>Eye Protection</u></b></p> <p><b><u>Item:</u></b></p> <p><b>Safety Prescription Goggle (General Work - Dust &amp; Other Flying Foreign Objects)</b></p> <p><u>PPE Category</u></p> <p>Eye Protection</p> <p><u>PPE Sub-Category</u></p> <p>General Work - Dust &amp; Other Flying Foreign Objects</p> <p><u>Performance Standards and Approvals, Norms &amp; Certifications</u></p> <p>EN166 Standard – Personal Eye Protection  EN170 Standard – Personal Eye Protection - Ultraviolet filters - Transmittance requirements and recommended use  PPE Category: Category II</p> <p><u>Directive</u>  Protection scope: Personal Protective Equipment Regulation 2016/425</p>


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Required PPE	Product Specification
<p><b>Classification:</b> Goggle - Prescription, Safety</p> <p><b>Type:</b> Uvex, Carbonvision RX 5501/Similar and/or Equivalent, Goggle, RX Insert – Clear Lens</p>  <p>(Continue)</p>	<p><b><u>Eye Protection: Safety Prescription Goggle – General Work (Dust &amp; Other Flying Foreign Objects)</u></b></p> <p><b><u>Eye Examination and Lenses:</u></b></p> <p><u>Eye Examination</u></p> <p>Full Comprehensive Eye Examination must include the following:</p> <ul style="list-style-type: none"> <li>○ Visual Acuity with &amp; without Visual Correction.</li> <li>○ Visual Field Evaluation.</li> <li>○ Randot Stereopsis Evaluation.</li> <li>○ Ishihara Colour Evaluation.</li> <li>○ Ophthalmoscopy.</li> <li>○ Comprehensive Visual Report for Compliance and Audit purposes once Safety Prescription Goggles have been delivered.</li> </ul> <p><u>Lenses</u></p> <ul style="list-style-type: none"> <li>○ Lenses: CR39 plastic stock lenses.</li> <li>○ Lenses: Single Vision, Bifocal and Multifocal.</li> </ul> <p><u>General</u></p> <ul style="list-style-type: none"> <li>○ Supplier to coordinate eye examinations.</li> <li>○ Where possible, eye examinations must be done on site at Transnet Engineering (TE) Rolling Stock Maintenance, Container Corridor and North Corridor businesses.</li> <li>○ Supplier to facilitate the delivery and fitting of Safety Prescription Goggles at Transnet Engineering (TE) Rolling Stock Maintenance, Container Corridor and North Corridor businesses.</li> </ul>

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## Eye & Face Protection

Required PPE	Product Specification
<p><b><u>Classification:</u></b> Goggle &amp; Face Shield, Safety</p> <p><b><u>Type:</u></b> Combo: Uvex Ultravision, 9301 105/Similar and/or Equivalent, Goggle &amp; Uvex, 9301 317/Similar and/or Equivalent, Face Shield – Clear Lens</p> 	<p><b><u>Eye &amp; Face Protection</u></b></p> <p><b><u>Item:</u></b></p> <p><b>Safety Goggle &amp; Face Shield (Grinding and Chemical)</b></p> <p><u>PPE Category</u></p> <p>Eye &amp; Face Protection</p> <p><u>PPE Sub-Category</u></p> <p>Grinding and Chemical</p> <p><u>Performance Standards and Approvals, Norms &amp; Certifications</u></p> <p>EN166 Standard – Personal Eye Protection  EN170 Standard – Personal Eye Protection - Ultraviolet filters - Transmittance requirements and recommended use</p> <p><u>Directive</u></p> <p>Protection scope: Personal Protective Equipment Regulation 2016/425</p>


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Required PPE	Product Specification
<p><b><u>Classification:</u></b> Spectacle &amp; Welding Face Shield, Safety, Flame Cutting &amp; Brazing</p> <p><b><u>Type:</u></b> Combo: MSA Spirit 2/ Similar and/or Equivalent, Safety Goggle Type Spectacle – Clear Lens &amp; Face Shield, Protection Level 5, IR/UV – Green Lens</p> <div>  </div> <div>  </div>	<p><b><u>Eye &amp; Face Protection</u></b></p> <p><b><u>Item:</u></b></p> <p><b>Safety Spectacle &amp; Welding Face Shield (Flame Cutting and Brazing)</b></p> <p>Face Shield must be able to flip-up.</p> <p><u>PPE Category</u></p> <p>Eye &amp; Face Protection</p> <p><u>PPE Sub-Category</u></p> <p>Flame Cutting and Brazing</p> <p><u>Performance Standards and Approvals, Norms &amp; Certifications</u></p> <p>EN166 Standard – Personal Eye Protection  EN169 Standard – Personal eye-protection - Filters for welding and related techniques Transmittance requirements and recommended use  EN170 Standard – Personal Eye Protection - Ultraviolet filters - Transmittance requirements and recommended use</p> <p><u>Directive</u></p> <p>Protection scope: Personal Protective Equipment Regulation 2016/425</p>




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Required PPE	Product Specification
<p><b>Classification:</b> Welding Shield, Safety</p> <p><b>Type:</b> 3M Speedglas 100/Similar and/or Equivalent, Welding Shield</p> 	<p><b><u>Eye &amp; Face Protection</u></b></p> <p><b><u>Item:</u></b></p> <p><b>Welding Shield</b></p> <p><u>PPE Category</u></p> <p>Eye &amp; Face Protection</p> <p><u>PPE Sub-Category</u></p> <p>Welding</p> <p><u>Performance Standards and Approvals, Norms &amp; Certifications</u></p> <p>EN166 Standard – Personal Eye Protection - Specifications</p> <p>EN169 Standard – Personal Eye Protection - Filters for welding and related techniques - Transmittance requirements and recommended use</p> <p>EN175 Standard – Personal Eye Protection – Equipment for eye and face protection during welding and allied processes</p> <p>EN379 Standard – Personal Eye Protection – Automatic Welding Filters</p> <p>Basic Safety Requirements under article 10 of the European Directive 89/686/EEC, CE Marked</p> <p><u>Directive</u></p> <p>Protection scope: Personal Protective Equipment Regulation 2016/425</p>

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Required PPE	Product Specification
<p><b>Classification:</b> Welding Helmet &amp; Powered Air Respirator, Safety</p> <p><b>Type:</b> 3M Speedglas Adflo System with welding filter 9100 XX/Similar and/or Equivalent</p> 	<p><b><u>Eye &amp; Face Protection</u></b></p> <p><b><u>Item:</u></b></p> <p><b>Welding Helmet &amp; Powered Air Respirator</b></p> <p><u>PPE Category</u></p> <p>Eye &amp; Face Protection</p> <p><u>PPE Sub-Category</u></p> <p>Welding</p> <p><u>Performance Standards and Approvals, Norms &amp; Certifications</u></p> <p>EN166 Standard – Personal Eye Protection - Specifications  EN175 Standard – Personal Eye Protection – Equipment for eye and face protection during welding and allied processes  EN379 Standard – Personal Eye Protection – Automatic Welding Filters  EN12941 Standard – Respiratory Protective Devices – Powered filtering devices incorporating a helmet or hood  EN14594 Standard - Respiratory protective devices - Continuous flow compressed air line breathing devices - Requirements, testing and marking  Basic Safety Requirements under article 10 of the European Directive 89/686/EEC, CE Marked  <u>Directive</u>  Protection scope: Personal Protective Equipment Regulation 2016/425</p>

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Required PPE	Product Specification
<p><b>Classification:</b> Welding Mask, Safety</p> <p><b>Type:</b> Auto Darkening Goggles Cobra/Similar and/or Equivalent Set: Digital Auto-Darkening Welding Goggle (Cobra-200FX/Similar and/or Equivalent), Clever Shield &amp; Soft Hood, Welding in Restricted Areas</p> <div>  </div> <div>  </div> <div>  </div> <div>  </div>	<p><b>Eye &amp; Face Protection</b></p> <p><b>Item:</b></p> <p><b>Welding Mask (Welding in Restricted Areas)</b></p> <p><u>PPE Category</u></p> <p>Eye &amp; Face Protection</p> <p><u>PPE Sub-Category</u></p> <p>Welding In restricted Areas</p> <p><u>Performance Standards and Approvals, Norms &amp; Certifications</u></p> <p>ANSI Z87.1 Standard - American National Standard For Occupational And Educational Personal Eye And Face Protection Devices</p> <p>CSA Z94.3 Standard - Eye and Face Protector's compliance for industrial and educational processes</p> <p>AS/NZS Standard – Australian/New Zealand Standards</p> <p>ROHS - The Restriction of Hazardous Substances Directive</p> <p>Basic Safety Requirements under article 10 of the European Directive 89/686/EEC, CE Marked</p> <p><u>Directive</u></p> <p>Protection scope: Personal Protective Equipment Regulation 2016/425</p>

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## Hearing Protection


Required PPE	Product Specification
<p><b>Classification:</b> Earmuffs, Re-usable, Headband, Electronic, SNR 25 dB</p> <p><b>Type:</b> Honeywell, Howard Leight Impact Sport, Tactical Black, Product Number: 1034490/Similar and/or Equivalent, Earmuff</p> 	<p><b>Hearing Protection</b></p> <p><b>Item:</b></p> <p><b>Earmuffs [Re-usable, Headband, Electronic, SNR 25 dB (Face to Face Communication)]</b></p> <p><u>Description (Including <b>Special Features</b> and Properties)</u></p> <p>The earmuff amplifies surrounding sounds (ambient sounds) such as voices, machines and warning signals to safe levels (82 dB) yet it provides good hearing protection. Loud impulse sounds are effectively blocked out and limited to safe levels. The unique stereo microphones (3) allow detection of the direction of ambient sounds, enhancing communication abilities and awareness of surroundings. Provide active protection. With automatic shut-off function.</p> <p><u>PPE Category</u></p> <p>Hearing Protection</p> <p><u>PPE Sub-Category</u></p> <p>Earmuffs [Headband, Electronic (Face to Face Communication)]</p>

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<p><b>Classification:</b> Earmuffs, Re-usable, Headband, Electronic, SNR 25 dB</p> <p><b>Type:</b> Honeywell, Howard Leight Impact Sport, Tactical Black, Product Number: 1034490/Similar and/or Equivalent, Earmuff</p>  <p>(Continue)</p>	<p><b><u>Hearing Protection: Earmuffs – Re-usable, Headband, Electronic, SNR 25 dB (Face to Face Communication)</u></b></p> <p><u>Main Process</u></p> <p>Assembling, Carrying, Checking, Climbing, Closing, Dismantling, Examining, Maintenance, Hammering, Handling, Inspection, Lifting, Operating and Breakdown.</p> <p><u>Application</u></p> <p>Working in areas where the noise exposure is at or above 85 dBA noise-rating limit for example workshops. Where communication is required in noise zones or working areas where the noise exposure is at or above 85 dBA noise-rating limit. Hearing of warning signals is critical.</p> <p><u>Type of Protection</u></p> <p>Protection against Noise Induced Hearing Loss. Prevent/mitigate safety and rail related occurrences due to improper communication or not hearing warning signals.</p>

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<p><b>Classification:</b> Earmuffs, Re-usable, Headband, Electronic, SNR 25 dB</p> <p><b>Type:</b> Honeywell, Howard Leight Impact Sport, Tactical Black, Product Number: 1034490/Similar and/or Equivalent, Earmuff</p> <div></div> <p>(Continue)</p>	<p><b>Hearing Protection: Earmuffs – Headband, Electronic, SNR 25 dB (Face to Face Communication)</b></p> <p><u>Product Information</u></p> <p><b>Material</b> – Steel, Vinyl, PVC</p> <p><u>Earmuff Composition:</u></p> <table><tr><th>Component</th><th>Colour</th><th>Material</th><th>Features</th></tr><tr><td>Headband</td><td>Black</td><td>Steel, Vinyl &amp; POM (Polyoxymethylene)</td><td>Soft headband. Folds for convenient storage.</td></tr><tr><td>Ear Cushion</td><td>Black</td><td>PVC (Polyvinyl chloride) &amp; Polyurethane</td><td>Foam filled replaceable ear cushions.</td></tr></table>	Component	Colour	Material	Features	Headband	Black	Steel, Vinyl & POM (Polyoxymethylene)	Soft headband. Folds for convenient storage.	Ear Cushion	Black	PVC (Polyvinyl chloride) & Polyurethane	Foam filled replaceable ear cushions.
Component	Colour	Material	Features										
Headband	Black	Steel, Vinyl & POM (Polyoxymethylene)	Soft headband. Folds for convenient storage.										
Ear Cushion	Black	PVC (Polyvinyl chloride) & Polyurethane	Foam filled replaceable ear cushions.										




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Required PPE	Product Specification						
<p><b>Classification:</b> Earmuffs, Re-usable, Headband, Electronic, SNR 25 dB</p> <p><b>Type:</b> Honeywell, Howard Leight Impact Sport, Tactical Black, Product Number: 1034490/Similar and/or Equivalent, Earmuff</p>  <p>(Continue)</p>	<p><b>Hearing Protection: Earmuffs – Headband, Electronic, SNR 25 dB (Face to Face Communication)</b></p> <p><u>Product Information (Continue)</u></p> <p><u>General:</u></p> <p><u>Dimensions and Weight</u></p> <table border="1"> <tr> <td>General</td><td></td></tr> <tr> <td>Weight (g) including battery</td><td>301.4</td></tr> <tr> <td>Weight (g) excluding battery</td><td>278.8</td></tr> </table> <p><u>Other:</u></p> <p>Battery type: 2 x 1.5V AAA  Battery lifetime: 350h (alkaline)  Auto shut off function: 4-hour Automatic Shut-Off</p>	General		Weight (g) including battery	301.4	Weight (g) excluding battery	278.8
General							
Weight (g) including battery	301.4						
Weight (g) excluding battery	278.8						


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<p><b>Classification:</b> Earmuffs, Re-usable, Headband, Electronic, SNR 25 dB</p> <p><b>Type:</b> Honeywell, Howard Leight Impact Sport, Tactical Black, Product Number: 1034490/Similar and/or Equivalent, Earmuff</p> <div></div> <p>(Continue)</p>	<p><b>Hearing Protection: Earmuffs – Headband, Electronic, SNR 25 dB (Face to Face Communication)</b></p> <p><u>Attenuation Data</u></p> <p>SNR (Single Number Rating): 25dB</p> <p>Standard Number.: EN352: 2020</p> <div><p>Here are the SNRs required to remain compliant at various noise levels:</p><table><tr><th>Noise Level</th><th>Minimum SNR</th><th>Ideal SNR</th><th>Maximum SNR</th></tr><tr><td>85 dB</td><td>5</td><td>9 – 14</td><td>18</td></tr><tr><td>90 dB</td><td>10</td><td>14 – 19</td><td>23</td></tr><tr><td>95 dB</td><td>15</td><td>19 – 24</td><td>28</td></tr><tr><td>100 dB</td><td>20</td><td>24 – 29</td><td>33</td></tr><tr><td>105 dB</td><td>25</td><td>29 – 34</td><td>38</td></tr><tr><td>110 dB</td><td>30</td><td>34 – 39</td><td>43</td></tr></table></div> <p><u>Headband Marking</u></p> <p>Manufacturer Identification: Howard Leight by Honeywell</p> <p><u>Earmuff Marking</u></p> <p>Accredited Standard Number: EN 352</p> <p>Accredited Standard Number: Australian Standard, Certified Product, AS/NZS 1270 LIC1133-1 SAI Global</p> <p>CE Marking according to European Directive for Personal Protective Equipment (PPE) 89/686/EEC: CE</p> <p><u>Performance Standards and Approvals, Norms &amp; Certifications</u></p> <p>EN352-1: 2020 Standard – Hearing protectors - General requirements - Part 1: Earmuffs</p> <p>EN352-4: 2020 Standard – Hearing protectors - Safety requirements - Part 4: Level-dependent earmuffs</p> <p>EN352-6: 2020 Standard – Hearing protectors - Safety requirements - Part 6: Earmuffs with safety-related audio input</p> <p>Approval No. IMPACT Sport: 29589VSS01</p> <p><u>Directive:</u> Personal Protective Equipment Directive 89/686/EEC, Protection scope: Personal Protective Equipment Regulation 2016/425</p>	Noise Level	Minimum SNR	Ideal SNR	Maximum SNR	85 dB	5	9 – 14	18	90 dB	10	14 – 19	23	95 dB	15	19 – 24	28	100 dB	20	24 – 29	33	105 dB	25	29 – 34	38	110 dB	30	34 – 39	43
Noise Level	Minimum SNR	Ideal SNR	Maximum SNR																										
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Required PPE	Product Specification
<p><b>Classification:</b> Earmuffs, Re-usable, Headband, Electronic, SNR 25 dB</p> <p><b>Type:</b> Honeywell, Howard Leight Impact Sport, Tactical Black, Product Number: 1034490/Similar and/or Equivalent, Earmuff</p>  <p>(Continue)</p>	<p><b>Hearing Protection: Earmuffs – Headband, Electronic, SNR 25 dB (Face to Face Communication)</b></p> <p><u>Marking: Performance Standards and Approvals, Norms &amp; Certifications</u></p> <p><u>Earmuff Marking</u></p> <div>   </div>


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Required PPE	Product Specification
<p><b><u>Classification:</u></b> Earplugs, Re-usable, Corded, SNR 28 dB</p> <p><b><u>Type:</u></b> Honeywell, Quiet, Howard Leight, 1028457/Similar and/or Equivalent, Earplugs</p> 	<p><b><u>Hearing Protection</u></b></p> <p><b><u>Item:</u></b></p> <p><b>Earplugs (Re-usable, Corded, SNR 28 dB)</b></p> <p><b><u>Description (Including Special Features and Properties)</u></b></p> <p>This is a re-usable earplug, SNR 28. Patented "no-roll" design is easy to handle and fit. Contoured shape comfortably matches contours of the ear canal. Smooth, non-irritating skin provides all-day comfort, easy to clean for long-term use. Built-in insertion stem makes insertion quick and easy. With the cord the earplug is conveniently to hand, making it a readily available hearing protection. If the user spends short periods of time in low-noise areas, the earplugs can simply be worn around the neck. When returning to a noisy environment, it takes just seconds to refit the earplug. High wearing comfort. Provide passive protection.</p> <p><b><u>PPE Category</u></b></p> <p>Hearing Protection</p> <p><b><u>PPE Sub-Category</u></b></p> <p>Earplugs (Re-usable, Corded, SNR 28 dB)</p>


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Required PPE	Product Specification
<p><b>Classification:</b> Earplugs, Re-usable, Corded, SNR 28 dB</p> <p><b>Type:</b> Honeywell, Quiet, Howard Leight, 1028457/Similar and/or Equivalent, Earplugs</p>  <p>(Continue)</p>	<p><b>Hearing Protection: Earplugs – Re-usable, Corded, SNR 28 dB</b></p> <p><u>Main Process</u></p> <p>Assembling, Carrying, Checking, Climbing, Closing, Dismantling, Examining, Maintenance, Hammering, Handling, Inspection, Lifting, Operating and Breakdown.</p> <p><u>Application</u></p> <p>Working in areas where the noise exposure is at or above 85 dBA noise-rating limit. Working in noise zones.</p> <p><u>Type of Protection</u></p> <p>Protection against Noise Induced Hearing Loss.</p>

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Required PPE	Product Specification									
<p><b>Classification:</b> Earplugs, Re-usable, Corded, SNR 28 dB</p> <p><b>Type:</b> Honeywell, Quiet, Howard Leight, 1028457/Similar and/or Equivalent, Earplugs</p> 	<p><b>Hearing Protection: Earplugs – Re-usable, Corded, SNR 28 dB</b></p> <p><u>Product Information</u></p> <p><b>Material</b> – Vinyl</p> <p><u>Earplug Composition:</u></p> <table><tr><th>Component</th><th>Colour</th><th>Material</th></tr><tr><td>Earplug</td><td>Orange</td><td>Vinyl</td></tr><tr><td>Cord</td><td>Orange</td><td>Polycord</td></tr></table> <p><u>Shape</u></p> <p>Bell</p>	Component	Colour	Material	Earplug	Orange	Vinyl	Cord	Orange	Polycord
Component	Colour	Material								
Earplug	Orange	Vinyl								
Cord	Orange	Polycord								
(Continue)										

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<p><b>Classification:</b> Earplugs, Re-usable, Corded, SNR 28 dB</p> <p><b>Type:</b> Honeywell, Quiet, Howard Leight, 1028457/Similar and/or Equivalent, Earplugs</p> 	<p><b>Hearing Protection: Earplugs – Re-usable, Corded, SNR 28 dB</b></p> <p><u>Attenuation Data</u></p> <p>SNR (Single Number Rating): 28dB</p> <p>Standard Number.: EN352: 2020 (Test Method)</p> <div><p>Here are the SNRs required to remain compliant at various noise levels:</p><table><tr><th>Noise Level</th><th>Minimum SNR</th><th>Ideal SNR</th><th>Maximum SNR</th></tr><tr><td>85 dB</td><td>5</td><td>9 – 14</td><td>18</td></tr><tr><td>90 dB</td><td>10</td><td>14 – 19</td><td>23</td></tr><tr><td>95 dB</td><td>15</td><td>19 – 24</td><td>28</td></tr><tr><td>100 dB</td><td>20</td><td>24 – 29</td><td>33</td></tr><tr><td>105 dB</td><td>25</td><td>29 – 34</td><td>38</td></tr><tr><td>110 dB</td><td>30</td><td>34 – 39</td><td>43</td></tr></table></div> <p><u>Performance Standards and Approvals, Norms &amp; Certifications</u></p> <p>EN352-2: 2020 Standard – Hearing protectors - General requirements - Part 2: Earplugs</p> <p><u>Directive</u></p> <p>Protection scope: Personal Protective Equipment Regulation 2016/425</p>	Noise Level	Minimum SNR	Ideal SNR	Maximum SNR	85 dB	5	9 – 14	18	90 dB	10	14 – 19	23	95 dB	15	19 – 24	28	100 dB	20	24 – 29	33	105 dB	25	29 – 34	38	110 dB	30	34 – 39	43
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Required PPE	Product Specification
<p><b><u>Classification:</u></b> Earplugs, Re-usable, Corded, SNR 30 dB</p> <p><b><u>Type:</u></b> Uvex Whisper, Supreme, 2111.235/Similar and/or Equivalent, Earplugs</p> 	<p><b><u>Hearing Protection</u></b></p> <p><b><u>Item:</u></b></p> <p><b>Earplugs (Re-usable, Corded, SNR 30 dB)</b></p> <p><b><u>Description (Including <b>Special Features</b> and Properties)</u></b></p> <p>This is a SNR 30, high attenuation reusable earplug with smooth, dirt-repellent surface. Easy to clean with soap and water. With the cord the earplug is conveniently to hand, making it a readily available hearing protection. If the user spends short periods of time in low-noise areas, the earplugs can simply be worn around the neck. When returning to a noisy environment, it takes just seconds to refit the earplug. Cord can be removed. High wearing comfort. Provide passive protection.</p> <p><b><u>PPE Category</u></b></p> <p>Hearing Protection</p> <p><b><u>PPE Sub-Category</u></b></p> <p>Earplugs (Re-usable, Corded, SNR 30 dB)</p>


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Required PPE	Product Specification
<p><b>Classification:</b> Earplugs, Re-usable, Corded, SNR 30 dB</p> <p><b>Type:</b> Uvex Whisper, Supreme, 2111.235/Similar and/or Equivalent, Earplugs</p>  <p>(Continue)</p>	<p><b>Hearing Protection: Earplugs – Re-usable, Corded, SNR 30 dB</b></p> <p><u>Main Process</u></p> <p>Assembling, Carrying, Checking, Climbing, Closing, Dismantling, Examining, Maintenance, Hammering, Handling, Inspection, Lifting, Operating and Breakdown.</p> <p><u>Application</u></p> <p>Working in areas where the noise exposure is at or above 85 dBA noise-rating limit. Working in noise zones.</p> <p><u>Type of Protection</u></p> <p>Protection against Noise Induced Hearing Loss.</p>


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Required PPE	Product Specification									
<p><b>Classification:</b> Earplugs, Re-usable, Corded, SNR 30 dB</p> <p><b>Type:</b> Uvex Whisper, Supreme, 2111.235/Similar and/or Equivalent, Earplugs</p>  <p>(Continue)</p>	<p><b><u>Hearing Protection: Earplugs – Re-usable, Corded, SNR 30 dB</u></b></p> <p><u>Product Information</u></p> <p><b><u>Material</u></b> – Vinyl</p> <p><u>Earplug Composition:</u></p> <table><tr><th>Component</th><th>Colour</th><th>Material</th></tr><tr><td>Earplug</td><td>Yellow</td><td>TPE (Thermoplastic elastomer)</td></tr><tr><td>Cord</td><td>White and Black</td><td>Polypropylene/Polyester</td></tr></table> <p><u>Cord Length</u></p> <p>700mm</p> <p><b><u>Size</u></b></p> <p>Must include special size (e.g. very small).</p>	Component	Colour	Material	Earplug	Yellow	TPE (Thermoplastic elastomer)	Cord	White and Black	Polypropylene/Polyester
Component	Colour	Material								
Earplug	Yellow	TPE (Thermoplastic elastomer)								
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<p><b>Classification:</b> Earplugs, Re-usable, Corded, SNR 30 dB</p> <p><b>Type:</b> Uvex Whisper, Supreme, 2111.235/Similar and/or Equivalent, Earplugs</p> 	<p><b><u>Hearing Protection: Earplugs – Re-usable, Corded, SNR 30 dB</u></b></p> <p><u>Attenuation Data</u></p> <p>SNR (Single Number Rating): 30dB</p> <p>Standard Number.: EN352: 2020 (Test Method)</p> <div><p>Here are the SNRs required to remain compliant at various noise levels:</p><table><tr><th>Noise Level</th><th>Minimum SNR</th><th>Ideal SNR</th><th>Maximum SNR</th></tr><tr><td>85 dB</td><td>5</td><td>9 – 14</td><td>18</td></tr><tr><td>90 dB</td><td>10</td><td>14 – 19</td><td>23</td></tr><tr><td>95 dB</td><td>15</td><td>19 – 24</td><td>28</td></tr><tr><td>100 dB</td><td>20</td><td>24 – 29</td><td>33</td></tr><tr><td>105 dB</td><td>25</td><td>29 – 34</td><td>38</td></tr><tr><td>110 dB</td><td>30</td><td>34 – 39</td><td>43</td></tr></table></div> <p><u>Performance Standards and Approvals, Norms &amp; Certifications</u></p> <p>EN352-2: 2020 Standard – Hearing protectors - General requirements - Part 2: Earplugs</p> <p><u>Directive</u></p> <p>Protection scope: Personal Protective Equipment Regulation 2016/425</p>	Noise Level	Minimum SNR	Ideal SNR	Maximum SNR	85 dB	5	9 – 14	18	90 dB	10	14 – 19	23	95 dB	15	19 – 24	28	100 dB	20	24 – 29	33	105 dB	25	29 – 34	38	110 dB	30	34 – 39	43
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Required PPE	Product Specification
<p><b>Classification:</b> Hygienic Storage Container, Earplugs</p> <p><b>Type:</b> Honeywell, Howard Leight/Similar and/or Equivalent</p> 	<p><b>Hearing Protection</b></p> <p><b>Item:</b></p> <p><b>Hearing Protection Accessories</b></p> <p><u>Description (Including <b>Special Features</b> and Properties)</u></p> <p>The Honeywell, Howard Leight, flip top box is for the hygienic storage of earplugs.</p> <p><u>PPE Category</u></p> <p>Hearing Protection</p> <p><u>PPE Sub-Category</u></p> <p>Hearing Protection Accessories (Hygienic Storage Container, Earplugs)</p>

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Required PPE	Product Specification						
<p><b>Classification:</b> Hygienic Storage Container, Earplugs</p> <p><b>Type:</b> Honeywell, Howard Leight/Similar and/or Equivalent</p> <div></div> <p>(Continue)</p>	<p><b>Hearing Protection: Earplugs – Re-usable, Corded, SNR 30 dB</b></p> <p><u>Main Process</u></p> <p>Assembling, Carrying, Checking, Climbing, Closing, Dismantling, Examining, Maintenance, Hammering, Handling, Inspection, Lifting, Operating and Breakdown.</p> <p><u>Application</u></p> <p>Working in areas where the noise exposure is at or above 85 dBA noise-rating limit. Working in noise zones Where hygienic storage of earplugs is required.</p> <p><u>Type of Protection</u></p> <p>Protection against ear infections and hearing loss due to ear infections.</p> <p><u>Product Information</u></p> <p><b>Material</b> – Polypropylene</p> <p><u>Earplug Storage Container Composition:</u></p> <table><tr><th>Component</th><th>Colour</th><th>Material</th></tr><tr><td>Storage Container</td><td>Clear</td><td>TPE (Thermoplastic elastomer)</td></tr></table>	Component	Colour	Material	Storage Container	Clear	TPE (Thermoplastic elastomer)
Component	Colour	Material					
Storage Container	Clear	TPE (Thermoplastic elastomer)					

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## Respiratory Protection



Required PPE	Product Specification
<p><b>Classification:</b> Respirators, Disposable, Molded Cup Mask, Valve, FFP2, Dust &amp; Mist</p> <p><b>Type:</b> Uvex, Com4-air, 8799701/Similar and/or Equivalent, FFP2 V (NR), Mask</p> 	<p><b><u>Respiratory Protection</u></b></p> <p><b><u>Item:</u></b></p> <p><b>Respirators (Disposable, Molded Cup Mask, Valve, FFP2)</b></p> <p><b><u>Description (Including Special Features and Properties)</u></b></p> <p>The FFP2 V (NR) includes highly effective face masks in protective class FFP2. Provides up to 94% filtration and protection against pollutants. The masks have been designed to provide its wearer with both comfort and respiratory safety. The many design features have been developed with the wearers comfort in mind: Field of vision, design and materials, size, weight and balance, compatibility with other PPE, pressure points, ease of adjustment and secure fitting, heat and moisture build up and breathing resistance. All respiratory protective devices fall into PPE category III (high risks).</p> <p><b><u>PPE Category</u></b></p> <p>Respiratory Protection</p> <p><b><u>PPE Sub-Category</u></b></p> <p>Respirators (Disposable, Molded Cup Mask, Valve, FFP2)</p>

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Required PPE	Product Specification
<p><b>Classification:</b> Respirators, Disposable, Molded Cup Mask, Valve, FFP2, Dust &amp; Mist</p> <p><b>Type:</b> Uvex, Com4-air, 8799701/Similar and/or Equivalent, FFP2 V (NR), Mask</p>  <p>(Continue)</p>	<p><b>Respiratory Protection: Respirators – Disposable, Molded Cup Mask, Valve, FFP2</b></p> <p><u>Main Process</u></p> <p>Assembling, Carrying, Checking, Climbing, Closing, Dismantling, Examining, Maintenance, Hammering, Handling, Inspection, Lifting, Operating and Breakdown.</p> <p><u>Application</u></p> <p>Working in areas where there is <u>dust</u> and <u>mist</u> exposure. Working in a respirator zone. Areas where the dust and mist concentration is up to 10xOEL (Occupational Exposure Limit). Maintenance of Loco's, Wagons, Coaches, Stenciling TDS data on rail wagons with Aerosol Spray Paint.</p> <p><u>Type of Protection</u></p> <p>Health Protection: Respiratory exposure - Dust: Pneumoconiosis ("dusty lung") &amp; Mist: Vomiting and diarrhoea, irritation to the nose, throat and lungs, headaches, dizziness, nausea, and fatigue.</p>

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Required PPE	Product Specification																		
<p><b>Classification:</b> Respirators, Disposable, Molded Cup Mask, Valve, FFP2, Dust &amp; Mist</p> <p><b>Type:</b> Uvex, Com4-air, 8799701/Similar and/or Equivalent, FFP2 V (NR), Mask</p> <div></div> <p>(Continue)</p>	<p><b>Respiratory Protection: Respirators – Disposable, Molded Cup Mask, Valve, FFP2</b></p> <p><u>Product Information</u></p> <p><b>Material</b> – Polyester, Cotton</p> <p><u>Product Features</u></p> <ul style="list-style-type: none"><li>• Particle-filtering cup shape mask with exhalation valve</li><li>• Protection level FFP2</li><li>• Soft material edges for high wearing comfort</li><li>• Continuous head band for a comfortable and secure fit</li><li>• Exhalation valve reduces breathing resistance and build-up of heat and moisture in the mask</li><li>• Flexible and adjustable nose clip</li><li>• Compatible with safety eyewear</li><li>• Soft sealing lip guarantees a secure, comfortable sealed position of the mask</li></ul> <p><u>Weight</u></p> <ul style="list-style-type: none"><li>• ±18,3 g</li></ul> <p><u>Respirator Composition:</u></p> <table><tr><th>Component</th><th>Colour</th><th>Material</th></tr><tr><td>Headband</td><td></td><td>Cotton, Continuous Looped Textile</td></tr><tr><td>Nose Clip</td><td></td><td>Aluminium</td></tr><tr><td>Filter/Mask</td><td>White</td><td>CoolSAFE+, Melt Blown PP, Polyester</td></tr><tr><td>Sealing Lip</td><td></td><td>Cotton Foam, Elastane</td></tr><tr><td>Exhalation Valve</td><td></td><td>ABS (Acrylonitrile Butadiene Styrene)</td></tr></table>	Component	Colour	Material	Headband		Cotton, Continuous Looped Textile	Nose Clip		Aluminium	Filter/Mask	White	CoolSAFE+, Melt Blown PP, Polyester	Sealing Lip		Cotton Foam, Elastane	Exhalation Valve		ABS (Acrylonitrile Butadiene Styrene)
Component	Colour	Material																	
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Required PPE	Product Specification								
<p><b>Classification:</b> Respirators, Disposable, Molded Cup Mask, Valve, FFP2, Dust &amp; Mist</p> <p><b>Type:</b> Uvex, Com4-air, 8799701/Similar and/or Equivalent, FFP2 V (NR), Mask</p>   <p>(Continue)</p>	<p><b>Respiratory Protection: Respirators – Disposable, Molded Cup Mask, Valve, FFP2</b></p> <p>Performance (EN149)</p> <p>Level of Protection According to Filtering Capacity: FFP2 (Filtering Facepiece)</p> <p>Threshold: 10xOEL (Occupational Exposure Limit)</p> <p>Breathing Protection</p> <p>Maximum breathing resistance in mbar</p> <table border="1"> <thead> <tr> <th>Breathing Resistance</th><th>Max (mbar)</th></tr> </thead> <tbody> <tr> <td>Inhalation - 30L/min</td><td>0,7</td></tr> <tr> <td>Inhalation - 95L/min</td><td>2,4</td></tr> <tr> <td>Exhalation - 160L/Min</td><td>3,0</td></tr> </tbody> </table> <p>Respirator Marking</p> <p>Level of Protection: FFP2</p> <p>Valve Mask: V</p> <p>Non-Reusable: (NR)</p> <p>Standard: SANS 50149:2003</p> <p>Performance Standards and Approvals, Norms &amp; Certifications</p> <p>EN149:2001+A1.2009 Standard – Respiratory protective devices. Filtering half masks to protect against particles. Requirements, testing, marking.</p> <p>SANS 50149:2003 Standard – Respiratory protective devices. Filtering half masks to protect against particles. Requirements, testing, marking.</p> <p>Testing and Approval: SABS Homologation approval [Breathing Protection].</p> <p>Directive</p> <p>Protection scope: Personal Protective Equipment Regulation 2016/425</p>	Breathing Resistance	Max (mbar)	Inhalation - 30L/min	0,7	Inhalation - 95L/min	2,4	Exhalation - 160L/Min	3,0
Breathing Resistance	Max (mbar)								
Inhalation - 30L/min	0,7								
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Required PPE	Product Specification
<p><b>Classification:</b> Respirators, Disposable, Molded Cup Mask, Valve, FFP2, Dust &amp; Mist</p> <p><b>Type:</b> Uvex, Com4-air, 8799701/Similar and/or Equivalent, FFP2 V (NR), Mask</p> <div>  </div> <div>  </div> <p>(Continue)</p>	<p><b><u>Respiratory Protection: Respirators – Disposable, Molded Cup Mask, Valve, FFP2</u></b></p> <p><u>Marking: Performance Standards and Approvals, Norms &amp; Certifications</u></p> <p><u>Respirator Marking</u></p> <div>  </div>


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Required PPE	Product Specification
<p><b><u>Classification:</u></b> Respirators, Disposable, Flat Fold Mask, Valve, FFP2, Dust &amp; Mist</p> <p><b><u>Type:</u></b> Uvex, Com4-breathe, 8799802/Similar and/or Equivalent, FFP2 V D Mask</p> 	<p><b><u>Respiratory Protection</u></b></p> <p><b><u>Item:</u></b></p> <p><b>Respirators (Disposable, Flat Fold Mask, Valve, FFP2)</b></p> <p><b><u>Description (Including Special Features and Properties)</u></b></p> <p>The FFP2 V D flat fold mask includes highly effective face masks in protective class FFP2. Provides up to 94% filtration and protection against pollutants. The masks have been designed to provide its wearer with both comfort and respiratory safety. The many design features have been developed with the wearers comfort in mind: Field of vision, design and materials, size, weight and balance, compatibility with other PPE, pressure points, ease of adjustment and secure fitting, heat and moisture build up and breathing resistance. All respiratory protective devices fall into PPE category III (high risks).</p> <p><b><u>PPE Category</u></b></p> <p>Respiratory Protection</p> <p><b><u>PPE Sub-Category</u></b></p> <p>Respirators (Disposable, Flat Fold Mask, Valve, FFP2)</p>


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Required PPE	Product Specification
<p><b>Classification:</b> Respirators, Disposable, Flat Fold Mask, Valve, FFP2, Dust &amp; Mist</p> <p><b>Type:</b> Uvex, Com4-breathe, 8799802/Similar and/or Equivalent, FFP2 V D Mask</p>  <p>(Continue)</p>	<p><b>Respiratory Protection: Respirators – Disposable, Flat Fold Mask, Valve, FFP2</b></p> <p><u>Main Process</u></p> <p>Assembling, Carrying, Checking, Climbing, Closing, Dismantling, Examining, Maintenance, Hammering, Handling, Inspection, Lifting, Operating and Breakdown.</p> <p><u>Application</u></p> <p>Working in areas where there is <u>dust</u> and <u>mist</u> exposure. Working in a respirator zone. Areas where the dust and mist concentration is up to 10xOEL (Occupational Exposure Limit). Maintenance of Loco's, Wagons, Coaches, Stenciling TDS data on rail wagons with Aerosol Spray Paint.</p> <p><u>Type of Protection</u></p> <p>Health Protection: Respiratory exposure - Dust: Pneumoconiosis ("dusty lung") &amp; Mist: Vomiting and diarrhoea, irritation to the nose, throat and lungs, headaches, dizziness, nausea, and fatigue.</p>


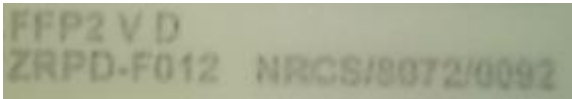
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Required PPE	Product Specification																		
<p><b>Classification:</b> Respirators, Disposable, Flat Fold Mask, Valve, FFP2, Dust &amp; Mist</p> <p><b>Type:</b> Uvex, Com4-breathe, 8799802/Similar and/or Equivalent, FFP2 V D Mask</p> <div></div> <p>(Continue)</p>	<p><b>Respiratory Protection: Respirators – Disposable, Flat Fold Mask, Valve, FFP2</b></p> <p><u>Product Information</u></p> <p><b>Material</b> – Non-woven Material, Latex</p> <p><u>Product Features</u></p> <ul style="list-style-type: none"><li>• Particle-filtering flat fold mask with exhalation valve</li><li>• The filtering face piece consists of several material layers of nonwoven materials, partly with electrical charge</li><li>• Protection level FFP2</li><li>• Soft material edges for high wearing comfort</li><li>• Continuous head band for a comfortable and secure fit</li><li>• Exhalation valve reduces breathing resistance and build-up of heat and moisture in the mask</li><li>• Flexible and adjustable nose clip</li><li>• Compatible with safety eyewear</li></ul> <p><u>Weight</u></p> <ul style="list-style-type: none"><li>• ±18,1 g</li></ul> <p><u>Respirator Composition:</u></p> <table><tr><th>Component</th><th>Colour</th><th>Material</th></tr><tr><td>Headband</td><td></td><td>Natural Rubber Latex covered with Woven Textile</td></tr><tr><td>Nose Clip</td><td></td><td>Tinplate, Free of Aluminium</td></tr><tr><td>Filter/Mask</td><td>Green</td><td>Charged Non-woven Material</td></tr><tr><td>Nose Seal</td><td></td><td>PVC (Polyvinyl Chloride)</td></tr><tr><td>Exhalation Valve</td><td></td><td>Polypropylene (Body). Rubber (Disc)</td></tr></table>	Component	Colour	Material	Headband		Natural Rubber Latex covered with Woven Textile	Nose Clip		Tinplate, Free of Aluminium	Filter/Mask	Green	Charged Non-woven Material	Nose Seal		PVC (Polyvinyl Chloride)	Exhalation Valve		Polypropylene (Body). Rubber (Disc)
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Required PPE	Product Specification								
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Required PPE	Product Specification
<p><b>Classification:</b> Respirators, Disposable, Flat Fold Mask, Valve, FFP2, Dust &amp; Mist</p> <p><b>Type:</b> Uvex, Com4-breathe, 8799802/Similar and/or Equivalent, FFP2 V D Mask</p>  <p>(Continue)</p>	<p><b>Respiratory Protection:</b> <u>Respirators – Disposable, Flat Fold Mask, Valve, FFP2</u></p> <p><u>Marking: Performance Standards and Approvals, Norms &amp; Certifications</u></p> <p><u>Respirator Marking</u></p> 

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Required PPE	Product Specification
<p><b>Classification:</b> Respirators, Disposable, Molded Cup Mask, Valve, FFP3, Asbestos &amp; Silica</p> <p><b>Type:</b> Uvex, Com4-air, 8799703/Similar and/or Equivalent, V (NR) FFP3 Mask</p> 	<p><b><u>Respiratory Protection</u></b></p> <p><b><u>Item:</u></b></p> <p><b>Respirators (Disposable, Molded Cup Mask, Valve, FFP3)</b></p> <p><b><u>Description (Including Special Features and Properties)</u></b></p> <p>The FFP3 V (NR) molded cup mask includes highly effective face masks in protective class FFP3. Provides up to 99% filtration and protection against pollutants. The masks have been designed to provide its wearer with both comfort and respiratory safety. The many design features have been developed with the wearers comfort in mind: Field of vision, design and materials, size, weight and balance, compatibility with other PPE, pressure points, ease of adjustment and secure fitting, heat and moisture build up and breathing resistance. All respiratory protective devices fall into PPE category III (high risks).</p> <p><b><u>PPE Category</u></b></p> <p>Respiratory Protection</p> <p><b><u>PPE Sub-Category</u></b></p> <p>Respirators (Disposable, Molded Cup Mask, Valve, FFP3)</p>


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Required PPE	Product Specification
<p><b>Classification:</b> Respirators, Disposable, Molded Cup Mask, Valve, FFP3, Asbestos &amp; Silica</p> <p><b>Type:</b> Uvex, Com4-air, 8799703/Similar and/or Equivalent, V (NR) FFP3 Mask</p>  <p>(Continue)</p>	<p><b><u>Respiratory Protection: Respirators – Disposable, Molded Cup Mask, Valve, FFP3</u></b></p> <p><u>Main Process</u></p> <p>Assembling, Carrying, Checking, Climbing, Closing, Dismantling, Examining, Maintenance, Hammering, Handling, Inspection, Lifting, Operating and Breakdown.</p> <p><u>Application</u></p> <p>Working in areas where there is <u>woodworking, hard wood, chromium, asbestos fibers (short periods of work), stainless steel, lead, welding, dust that contain beryllium, arsenic, cadmium, cobalt, medical waste disposal, fungal spores, legionella bacteria, infections, viruses, bacteria, enzyme and nanoparticles</u> exposure. Protection against <u>solid and liquid nonvolatile particles</u>. Working in a respirator zone. Areas where the contaminant concentration is up to 30xOEL (Occupational Exposure Limit). Maintenance of Loco's, Wagons, Coaches.</p> <p><u>Type of Protection</u></p> <p>Health Protection: Respiratory exposure - Contaminants: Asbestosis, Cancer, Adverse Health Effects on the Respiratory Tract.</p>



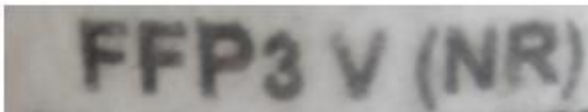
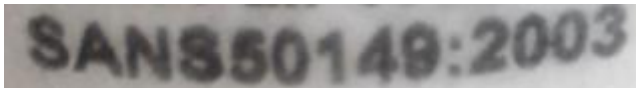
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Required PPE	Product Specification																		
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Breathing Resistance	Max (mbar)								
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Required PPE	Product Specification
<p><b>Classification:</b> Respirators, Disposable, Molded Cup Mask, Valve, FFP3, Asbestos &amp; Silica</p> <p><b>Type:</b> Uvex, Com4-air, 8799703/Similar and/or Equivalent, V (NR) FFP3 Mask</p> <div>  </div> <div>  </div> <p>(Continue)</p>	<p><b><u>Respiratory Protection: Respirators – Disposable, Molded Cup Mask, Valve, FFP3</u></b></p> <p><u>Marking: Performance Standards and Approvals, Norms &amp; Certifications</u></p> <p><u>Respirator Marking</u></p> <div>  </div> <div>  </div>



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Required PPE	Product Specification
<p><b>Classification:</b> Respirators, Disposable, Flat Fold Mask, Valve, FFP3, Asbestos &amp; Silica</p> <p><b>Type:</b> Uvex, Com4-breathe, 8799803/Similar and/or Equivalent, FFP3 V D Mask</p> 	<p><b><u>Respiratory Protection</u></b></p> <p><b><u>Item:</u></b></p> <p><b>Respirators (Disposable, Flat Fold Mask, Valve, FFP3)</b></p> <p><b><u>Description (Including Special Features and Properties)</u></b></p> <p>The FFP3 V D flat fold mask includes highly effective face masks in protective class FFP3. Provides up to 99% filtration and protection against pollutants. The masks have been designed to provide its wearer with both comfort and respiratory safety. The many design features have been developed with the wearers comfort in mind: Field of vision, design and materials, size, weight and balance, compatibility with other PPE, pressure points, ease of adjustment and secure fitting, heat and moisture build up and breathing resistance. All respiratory protective devices fall into PPE category III (high risks).</p> <p><b><u>PPE Category</u></b></p> <p>Respiratory Protection</p> <p><b><u>PPE Sub-Category</u></b></p> <p>Respirators (Disposable, Flat Fold Mask, Valve, FFP3)</p>

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Required PPE	Product Specification
<p><b>Classification:</b> Respirators, Disposable, Flat Fold Mask, Valve, FFP3, Asbestos &amp; Silica</p> <p><b>Type:</b> Uvex, Com4-breathe, 8799803/Similar and/or Equivalent, FFP3 V D Mask</p>  <p>(Continue)</p>	<p><b>Respiratory Protection: Respirators – Disposable, Flat Fold Mask, Valve, FFP3</b></p> <p><u>Main Process</u></p> <p>Assembling, Carrying, Checking, Climbing, Closing, Dismantling, Examining, Maintenance, Hammering, Handling, Inspection, Lifting, Operating and Breakdown.</p> <p><u>Application</u></p> <p>Working in areas where there is <u>woodworking, hard wood, chromium, asbestos fibers (short periods of work), stainless steel, lead, welding, dust that contain beryllium, arsenic, cadmium, cobalt, medical waste disposal, fungal spores, legionella bacteria, infections, viruses, bacteria, enzyme and nanoparticles</u> exposure. Protection against <u>solid and liquid nonvolatile particles</u>. Working in a respirator zone. Areas where the contaminant concentration is up to 30xOEL (Occupational Exposure Limit). Maintenance of Loco's, Wagons, Coaches.</p> <p><u>Type of Protection</u></p> <p>Health Protection: Respiratory exposure - Contaminants: Asbestosis, Cancer, Adverse Health Effects on the Respiratory Tract.</p>

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Required PPE	Product Specification																		
<p><b>Classification:</b> Respirators, Disposable, Flat Fold Mask, Valve, FFP3, Asbestos &amp; Silica</p> <p><b>Type:</b> Uvex, Com4-breathe, 8799803/Similar and/or Equivalent, FFP3 V D Mask</p> <div></div> <p>(Continue)</p>	<p><b>Respiratory Protection: Respirators – Disposable, Flat Fold Mask, Valve, FFP3</b></p> <p><u>Product Information</u></p> <p><b>Material</b> – Non-woven Material, Latex</p> <p><u>Product Features</u></p> <ul style="list-style-type: none"><li>• Particle-filtering flat fold mask with exhalation valve</li><li>• The filtering face piece consists of several material layers of nonwoven materials, partly with electrical charge</li><li>• Protection level FFP3</li><li>• Soft material edges for high wearing comfort</li><li>• Continuous head band for a comfortable and secure fit</li><li>• Exhalation valve reduces breathing resistance and build-up of heat and moisture in the mask</li><li>• Flexible and adjustable nose clip</li><li>• Compatible with safety eyewear</li></ul> <p><u>Weight</u></p> <ul style="list-style-type: none"><li>• ±21,8 g</li></ul> <p><u>Respirator Composition:</u></p> <table><tr><th>Component</th><th>Colour</th><th>Material</th></tr><tr><td>Headband</td><td></td><td>Natural Rubber Latex covered with Woven Textile</td></tr><tr><td>Nose Clip</td><td></td><td>Tinplate, Free of Aluminium</td></tr><tr><td>Filter/Mask</td><td>Green</td><td>Charged Non-woven Material</td></tr><tr><td>Nose Seal</td><td></td><td>PVC (Polyvinyl Chloride)???</td></tr><tr><td>Exhalation Valve</td><td></td><td>Polypropylene (Body), Rubber (Disc)</td></tr></table>	Component	Colour	Material	Headband		Natural Rubber Latex covered with Woven Textile	Nose Clip		Tinplate, Free of Aluminium	Filter/Mask	Green	Charged Non-woven Material	Nose Seal		PVC (Polyvinyl Chloride)???	Exhalation Valve		Polypropylene (Body), Rubber (Disc)
Component	Colour	Material																	
Headband		Natural Rubber Latex covered with Woven Textile																	
Nose Clip		Tinplate, Free of Aluminium																	
Filter/Mask	Green	Charged Non-woven Material																	
Nose Seal		PVC (Polyvinyl Chloride)???																	
Exhalation Valve		Polypropylene (Body), Rubber (Disc)																	

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Required PPE	Product Specification								
<p><b>Classification:</b> Respirators, Disposable, Flat Fold Mask, Valve, FFP3, Asbestos &amp; Silica</p> <p><b>Type:</b> Uvex, Com4-breathe, 8799803/Similar and/or Equivalent, FFP3 V D Mask</p>  <p>(Continue)</p>	<p><b>Respiratory Protection: Respirators – Disposable, Flat Fold Mask, Valve, FFP3</b></p> <p>Performance (EN149)</p> <p><u>Level of Protection According to Filtering Capacity:</u> FFP3 (Filtering Facepiece)</p> <p><u>Threshold:</u> 30xOEL (Occupational Exposure Limit)</p> <p><u>Breathing Protection</u> Maximum breathing resistance in mbar</p> <table border="1"> <thead> <tr> <th>Breathing Resistance</th><th>Max (mbar)</th></tr> </thead> <tbody> <tr> <td>Inhalation - 30L/min</td><td>1,0</td></tr> <tr> <td>Inhalation - 95L/min</td><td>3,0</td></tr> <tr> <td>Exhalation - 160L/Min</td><td>3,0</td></tr> </tbody> </table> <p><u>Respirator Marking</u> Level of Protection: FFP3 Valve Mask: V Disposable: D Standard: EN149:2001</p> <p><u>Performance Standards and Approvals, Norms &amp; Certifications</u> EN149:2001+A1.2009 Standard – Respiratory protective devices. Filtering half masks to protect against particles. Requirements, testing, marking. SANS 50149:2003 Standard – Respiratory protective devices. Filtering half masks to protect against particles. Requirements, testing, marking. Testing and Approval: SABS Homologation approval [Breathing Protection].</p> <p><u>Directive</u> Protection scope: Personal Protective Equipment Regulation 2016/425</p>	Breathing Resistance	Max (mbar)	Inhalation - 30L/min	1,0	Inhalation - 95L/min	3,0	Exhalation - 160L/Min	3,0
Breathing Resistance	Max (mbar)								
Inhalation - 30L/min	1,0								
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Required PPE	Product Specification
<p><b>Classification:</b> Respirators, Disposable, Flat Fold Mask, Valve, FFP3, Asbestos &amp; Silica</p> <p><b>Type:</b> Uvex, Com4-breathe, 8799803/Similar and/or Equivalent, FFP3 V D Mask</p>  <p>(Continue)</p>	<p><b>Respiratory Protection: Respirators – Disposable, Flat Fold Mask, Valve, FFP3</b></p> <p><u>Marking: Performance Standards and Approvals, Norms &amp; Certifications</u></p> <p><u>Respirator Marking</u></p> 



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Required PPE	Product Specification
<p><b>Classification:</b> Respirators, Welding Fume, Disposable, Molded Cup Mask, Valve, FFP2</p> <p><b>Type:</b> 3M, Premium Welding Fume, 9925/Similar and/or Equivalent, FFP2 V (NR) (D) Welding Mask</p>  	<p><b><u>Respiratory Protection</u></b></p> <p><b><u>Item:</u></b></p> <p><b>Respirators (Welding Fume, Disposable, Molded Cup Mask, Valve, FFP2)</b></p> <p><u>Description (Including <b>Special Features</b> and Properties)</u></p> <p>The Welding Fume, FFP2 V (NR) (D) mask provides lightweight, effective, comfortable and hygienic respiratory protection against dusts, mists and metal fumes. Its convex shape enhances wearer comfort and allows a good fit over a wide range of face sizes. The 3M™ Cool Flow™ exhalation valve reduces moisture build-up, particularly in hot and humid work conditions. The 4-point adjustable straps and adjustable nose clip ensure a proper fit. The 3M 9925 Premium Welding Fume Respirator has been designed specifically for welding applications to provide protection against Ozone and welding fume, plus relief from nuisance odours. All respiratory protective devices fall into PPE category III (high risks).</p> <p><u>PPE Category</u></p> <p>Respiratory Protection</p> <p><u>PPE Sub-Category</u></p> <p>Respirators (Welding Fume, Disposable, Molded Cup Mask, Valve, FFP2)</p>



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Required PPE	Product Specification
<p><b>Classification:</b> Respirators, Welding Fume, Disposable, Molded Cup Mask, Valve, FFP2</p> <p><b>Type:</b> 3M, Premium Welding Fume, 9925/Similar and/or Equivalent, FFP2 V (NR) (D) Welding Mask</p>  <p>(Continue)</p>	<p><b>Respiratory Protection: Respirators – Welding Fume, Disposable, Molded Cup Mask, Valve, FFP2</b></p> <p><u>Main Process</u></p> <p>Assembling, Carrying, Checking, Climbing, Closing, Dismantling, Examining, Maintenance, Hammering, Handling, Inspection, Lifting, Operating and Breakdown.</p> <p><u>Application</u></p> <p>Iron and steel foundries, <u>metal fumes, welding fumes, soldering</u>, dust and mist. Working in a respirator zone. Areas where the contaminant concentration is up to 10xOEL (Occupational Exposure Limit). Maintenance of Loco's, Wagons, Coaches. Does not protect in atmospheres containing less than 19.5% oxygen e.g. some confined space.</p> <p><u>Type of Protection</u></p> <p>Health Protection: Respiratory exposure – Metal fumes, welding fumes, dust and mist: Metal Fume Fever, Kidney and Nervous System Damage and Adverse Health Effects on the Respiratory Tract.</p>




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Required PPE	Product Specification																		
<p><b>Classification:</b> Respirators, Welding Fume, Disposable, Molded Cup Mask, Valve, FFP2</p> <p><b>Type:</b> 3M, Premium Welding Fume, 9925/Similar and/or Equivalent, FFP2 V (NR) (D) Welding Mask</p> <div></div> <p>(Continue)</p>	<p><b>Respiratory Protection: Respirators – Welding Fume, Disposable, Molded Cup Mask, Valve, FFP2</b></p> <p><u>Product Information</u></p> <p><b>Material</b> – Polypropylene, Cotton</p> <p><u>Product Features</u></p> <ul style="list-style-type: none"><li>• Particle-filtering cup shape mask with exhalation valve</li><li>• Protection level FFP2</li><li>• Soft material edges for high wearing comfort</li><li>• Continuous head band for a comfortable and secure fit</li><li>• Exhalation valve reduces breathing resistance and build-up of heat and moisture in the mask</li><li>• Flexible and adjustable nose clip</li><li>• Compatible with safety eyewear</li><li>• Soft sealing nose foam guarantees a secure, comfortable sealed position of the mask</li></ul> <p><u>Weight</u></p> <ul style="list-style-type: none"><li>• ±13,0 g</li></ul> <p><u>Respirator Composition:</u></p> <table><tr><th>Component</th><th>Colour</th><th>Material</th></tr><tr><td>Headband</td><td></td><td>Cotton fibre, Polyisoprene</td></tr><tr><td>Nose Clip</td><td></td><td>Aluminium</td></tr><tr><td>Filter/Mask</td><td>White</td><td>Polypropylene</td></tr><tr><td>Nose Foam</td><td></td><td>PVC (Polyvinyl Chloride)</td></tr><tr><td>Exhalation Valve</td><td></td><td>Polypropylene, Polyisoprene</td></tr></table>	Component	Colour	Material	Headband		Cotton fibre, Polyisoprene	Nose Clip		Aluminium	Filter/Mask	White	Polypropylene	Nose Foam		PVC (Polyvinyl Chloride)	Exhalation Valve		Polypropylene, Polyisoprene
Component	Colour	Material																	
Headband		Cotton fibre, Polyisoprene																	
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Filter/Mask	White	Polypropylene																	
Nose Foam		PVC (Polyvinyl Chloride)																	
Exhalation Valve		Polypropylene, Polyisoprene																	

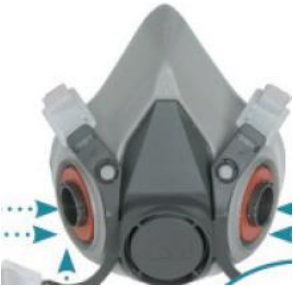
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Required PPE	Product Specification								
<p><b>Classification:</b> Respirators, Welding Fume, Disposable, Molded Cup Mask, Valve, FFP2</p> <p><b>Type:</b> 3M, Premium Welding Fume, 9925/Similar and/or Equivalent, FFP2 V (NR) (D) Welding Mask</p>   <p>(Continue)</p>	<p><b>Respiratory Protection: Respirators – Welding Fume, Disposable, Molded Cup Mask, Valve, FFP2</b></p> <p><u>Performance (EN149)</u></p> <p><u>Level of Protection According to Filtering Capacity:</u></p> <p>FFP2 (Filtering Facepiece)</p> <p><u>Threshold:</u></p> <p>10xOEL (Occupational Exposure Limit)</p> <p><u>Breathing Protection</u></p> <p>Maximum breathing resistance in mbar</p> <table border="1"> <thead> <tr> <th>Breathing Resistance</th><th>Max (mbar)</th></tr> </thead> <tbody> <tr> <td>Inhalation - 30L/min</td><td>0,7</td></tr> <tr> <td>Inhalation - 95L/min</td><td>2,4</td></tr> <tr> <td>Exhalation - 160L/Min</td><td>3,0</td></tr> </tbody> </table> <p><u>Respirator Marking</u></p> <p>Level of Protection: FFP2</p> <p>Valve Mask: V</p> <p>Non-Reusable: (NR)</p> <p>Disposable: D</p> <p>Standard: EN149:2001</p> <p>CE Marking according to European Directive for Personal Protective Equipment (PPE) 89/686/EEC: CE</p> <p><u>Performance Standards and Approvals, Norms &amp; Certifications</u></p> <p>EN149:2001+A1.2009 Standard – Respiratory protective devices. Filtering half masks to protect against particles. Requirements, testing, marking.</p> <p>SANS 50149:2003 Standard – Respiratory protective devices. Filtering half masks to protect against particles. Requirements, testing, marking.</p> <p>Testing and Approval: SABS Homologation approval [Breathing Protection].</p> <p><u>Directive</u></p> <p>Protection scope: Personal Protective Equipment Regulation 2016/425</p> <p>Basic Safety Requirements under Article 10 and 11B: The Personal Protective Equipment Directive 1989/686</p>	Breathing Resistance	Max (mbar)	Inhalation - 30L/min	0,7	Inhalation - 95L/min	2,4	Exhalation - 160L/Min	3,0
Breathing Resistance	Max (mbar)								
Inhalation - 30L/min	0,7								
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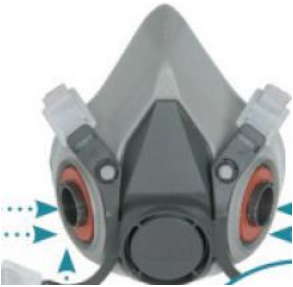
Required PPE	Product Specification
<p><b>Classification:</b> Respirators, Welding Fume, Disposable, Molded Cup Mask, Valve, FFP2</p> <p><b>Type:</b> 3M, Premium Welding Fume, 9925/Similar and/or Equivalent, FFP2 V (NR) (D) Welding Mask</p>   <p>(Continue)</p>	<p><b>Respiratory Protection: Respirators – Welding Fume, Disposable, Molded Cup Mask, Valve, FFP2</b></p> <p><u>Marking: Performance Standards and Approvals, Norms &amp; Certifications</u></p> <p><u>Respirator Marking</u></p> 

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Required PPE	Product Specification
<p><b>Classification:</b> Respirators, Reusable, Half Face, Dust &amp; Mist, Organic Vapours, Welding Fume</p> <p><b>Type:</b> 3M, 6200/Similar and/or Equivalent, Half Face Respirator</p> 	<p><b><u>Respiratory Protection</u></b></p> <p><b><u>Item:</u></b></p> <p><b>Respirators (Reusable, Half Face, Dust &amp; Mist, Organic Vapours, Welding Fume)</b></p> <p><u>Description (Including <b>Special Features</b> and Properties)</u></p> <p>The Half Face Respirator are proven to be simple to handle and comfortable to the wearer. The exhalation port provides increased durability, easy cleaning and reduced breathing resistance which helps to increase your comfort. Respirators have the bayonet connection system allowing connection to a broad range of twin lightweight filters to protect against gases, vapours and particulates depending on your individual needs.</p> <p><u>PPE Category</u></p> <p>Respiratory Protection</p> <p><u>PPE Sub-Category</u></p> <p>Respirators (Reusable, Half Face, Dust &amp; Mist, Organic Vapours, Welding Fume)</p>

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Required PPE	Product Specification
<p><b>Classification:</b> Respirators, Reusable, Half Face, Dust &amp; Mist, Organic Vapours, Welding Fume</p> <p><b>Type:</b> 3M, 6200/Similar and/or Equivalent, Half Face Respirator</p>  <p>(Continue)</p>	<p><b><u>Respiratory Protection: Respirators – Reusable, Half Face, Dust &amp; Mist, Organic Vapours, Welding Fume</u></b></p> <p><u>Main Process</u></p> <p>Assembling, Carrying, Checking, Climbing, Closing, Dismantling, Examining, Maintenance, Hammering, Handling, Inspection, Lifting, Operating and Breakdown.</p> <p><u>Application</u></p> <p>Dust and mist (e.g. aerosol spray paint), organic vapours, paint fumes, metal fumes, welding fumes, soldering, Iron and steel foundries. Working in a respirator zone. Areas where the contaminant concentration is up to 10xOEL (Occupational Exposure Limit). Maintenance of Loco's, Wagons, Coaches, Stenciling TDS data on rail wagons with Aerosol Spray Paint. Does not protect in atmospheres containing less than 19.5% oxygen e.g. some confined space.</p> <p><u>Type of Protection</u></p> <p>Health Protection: Respiratory exposure – Metal fumes, welding fumes, dust and mist, organic vapours: Metal Fume Fever, Kidney and Nervous System Damage and Adverse Health Effects on the Respiratory Tract.</p>


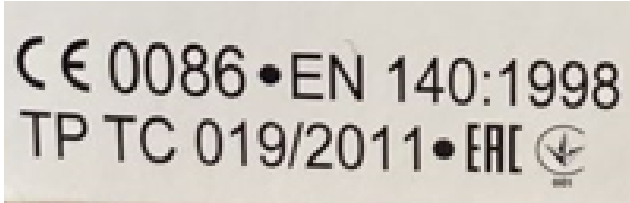
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Required PPE	Product Specification
<p><b>Classification:</b> Respirators, Reusable, Half Face, Dust &amp; Mist, Organic Vapours, Welding Fume</p> <p><b>Type:</b> 3M, 6200/Similar and/or Equivalent, Half Face Respirator</p>  <p>(Continue)</p>	<p><b>Respiratory Protection: Respirators – Reusable, Half Face, Dust &amp; Mist, Organic Vapours, Welding Fume</b></p> <p><u>Product Information</u></p> <p><b>Material</b> – Natural Rubber Latex</p> <p><u>Product Features</u></p> <ul style="list-style-type: none"> <li>• Soft, lightweight elastomeric respirator ensures comfort during long periods of work</li> <li>• Flexible System (gas &amp; vapour and / or particulate filters plus Supplied-Air option).</li> <li>• Twin filter design provides lower breathing resistance, a more balanced fit, and improves field of vision.</li> <li>• Safe, secure Bayonet filter attachment system.</li> </ul> <p><u>Weight</u></p> <ul style="list-style-type: none"> <li>• Face piece weight: 82 g</li> </ul>


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Required PPE	Product Specification
<p><b>Classification:</b> Respirators, Reusable, Half Face, Dust &amp; Mist, Organic Vapours, Welding Fume</p> <p><b>Type:</b> 3M, 6200/Similar and/or Equivalent, Half Face Respirator</p>  <p>(Continue)</p>	<p><b>Respiratory Protection: Respirators – Reusable, Half Face, Dust &amp; Mist, Organic Vapours, Welding Fume</b></p> <p><u>Performance (EN140)</u></p> <p><u>Level of Protection According to Filtering Capacity (When the 6000 Series Half Face Respirator is fitted with Particulate Filters):</u></p> <p>P2 (Facepiece) – When fitted with particulate filters.</p> <p><u>Threshold:</u> 10xOEL (Occupational Exposure Limit)</p> <p>Test: Reusable, Half Face Respirator tested to the relevant European Standards (EN140) and have met the Requirements: Facepiece and Flammability.</p> <p><u>Respirator Marking</u> Standard: EN140 CE Marking according to European Directive for Personal Protective Equipment (PPE) 89/686/EEC: CE</p> <p><u>Performance Standards and Approvals, Norms &amp; Certifications</u> EN140 Standard – Respiratory protective devices - Half masks and quarter masks AS/NZS 1716 Standard – Respiratory protective devices Testing and Approval: SABS Homologation approval [‘Homologation of Respiratory Equipment’] <u>Directive</u> Protection scope: Personal Protective Equipment Regulation 2016/425 Basic Safety Requirements under Article 10 and 11B: The Personal Protective Equipment Directive 1989/686</p>


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Required PPE	Product Specification
<p><b>Classification:</b> Respirators, Reusable, Half Face, Dust &amp; Mist, Organic Vapours, Welding Fume</p> <p><b>Type:</b> 3M, 6200/Similar and/or Equivalent, Half Face Respirator</p>  <p>(Continue)</p>	<p><b>Respiratory Protection: Respirators – Reusable, Half Face, Dust &amp; Mist, Organic Vapours, Welding Fume</b></p> <p><u>Marking: Performance Standards and Approvals, Norms &amp; Certifications</u></p> <p><u>Respirator Marking</u></p> 


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Required PPE	Product Specification
<p><b>Classification:</b> Half Face Reusable Respirator Filter, Disc Filter Particulate, Welding Fume</p> <p><b>Type:</b> 3M 2138 /Similar and/or Equivalent, Disc Filter GP2/GP3 Particulate</p> 	<p><b>Respiratory Protection</b></p> <p><b>Item:</b></p> <p><b>Half Face Reusable Respirator Filter (Disc Filter Particulate, Welding Fume)</b></p> <p><u>Description (Including <b>Special Features</b> and Properties)</u></p> <p>The Half Face Reusable Respirator Filter, <u>Disc Filter Particulate, Welding Fume</u> is one of the Series of filters that provide a lightweight filter option for Half Face Respirators. Disc Filter has been approved as a P3 filter &amp; provides protection from Welding Fumes.</p> <p><u>PPE Category</u></p> <p>Respiratory Protection</p> <p><u>PPE Sub-Category</u></p> <p>Half Face Reusable Respirator Filter (Disc Filter Particulate, Welding Fume)</p>


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Required PPE	Product Specification
<p><b>Classification:</b> Half Face Reusable Respirator Filter, Disc Filter Particulate, Welding Fume</p> <p><b>Type:</b> 3M 2138 /Similar and/or Equivalent, Disc Filter GP2/GP3 Particulate</p>  <p>(Continue)</p>	<p><b>Respiratory Protection:</b> <u>Half Face Reusable Respirator Filter (Disc Filter Particulate, Welding Fume)</u></p> <p><u>Main Process</u></p> <p>Assembling, Carrying, Checking, Climbing, Closing, Dismantling, Examining, Maintenance, Hammering, Handling, Inspection, Lifting, Operating and Breakdown.</p> <p><u>Application</u></p> <p>Iron and steel foundries, <u>welding fumes</u>. Working in a respirator zone. Areas where the contaminant concentration is up to 10xOEL (Occupational Exposure Limit). Maintenance of Loco's, Wagons, Coaches. Does not protect in atmospheres containing less than 19.5% oxygen e.g. some confined space.</p> <p><u>Type of Protection</u></p> <p>Health Protection: Respiratory exposure – Metal fumes, welding fumes, dust and mist: Metal Fume Fever, Kidney and Nervous System Damage and Adverse Health Effects on the Respiratory Tract.</p>

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Required PPE	Product Specification
<p><b>Classification:</b> Half Face Reusable Respirator Filter, Disc Filter Particulate, Welding Fume</p> <p><b>Type:</b> 3M 2138 /Similar and/or Equivalent, Disc Filter GP2/GP3 Particulate</p>  <p>(Continue)</p>	<p><b>Respiratory Protection:</b> <u>Half Face Reusable Respirator Filter (Disc Filter Particulate, Welding Fume)</u></p> <p><u>Product Information</u></p> <p><u>Product Features</u></p> <ul style="list-style-type: none"> <li>• It has been approved as a P3 filter.</li> <li>• The bayonet fitting ensures precise &amp; safer locking.</li> <li>• 3M high performance filter media, advanced electret media for maximal filtration efficiency &amp; lightweight.</li> <li>• Low breathing resistance.</li> <li>• Capable of providing protection against particulates at levels up to ten (10) times the Exposure Standard on Half Face Respirator.</li> </ul> <p><u>Weight</u></p> <p>12g per filter (nominal)</p> <p><u>Size</u></p> <p>11cm Ø x 1cm deep (nominal)</p>

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Required PPE	Product Specification
<p><b>Classification:</b> Half Face Reusable Respirator Filter, Disc Filter Particulate, Welding Fume</p> <p><b>Type:</b> 3M 2138 /Similar and/or Equivalent, Disc Filter GP2/GP3 Particulate</p>  <p>(Continue)</p>	<p><b>Respiratory Protection: Half Face Reusable Respirator Filter (Disc Filter Particulate, Welding Fume)</b></p> <p><u>Performance (EN149)</u></p> <p><u>Level of Protection According to Filtering Capacity:</u></p> <p>FFP3 (Filtering Facepiece)</p> <p><u>Threshold:</u></p> <p>10xOEL (Occupational Exposure Limit)</p> <p><u>Respirator Marking</u></p> <p>Filter No.: 2138</p> <p>Standard: EN143</p> <p>Level of Protection: P3</p> <p>Reusable: R</p> <p>CE Marking according to European Directive for Personal Protective Equipment (PPE) 89/686/EEC: CE</p> <p><u>Performance Standards and Approvals, Norms &amp; Certifications</u></p> <p>EN143 Standard – Respiratory protective devices - Particle filters – Requirements, testing, marking</p> <p>AS/NZS 1716 Standard – Respiratory protective devices</p> <p>Testing and Approval: SABS Homologation approval [Breathing Protection]</p> <p><u>Directive</u></p> <p>Protection scope: Personal Protective Equipment Regulation 2016/425</p> <p>Basic Safety Requirements under Article 10 and 11B: The Personal Protective Equipment Directive 1989/686</p>

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Required PPE	Product Specification
<p><b>Classification:</b> Half Face Reusable Respirator Filter, Disc Filter Particulate, Welding Fume</p> <p><b>Type:</b> 3M 2138/Similar and/or Equivalent, Disc Filter GP2/GP3 Particulate</p>  <p>(Continue)</p>	<p><b>Respiratory Protection:</b> <u>Half Face Reusable Respirator Filter (Disc Filter Particulate, Welding Fume)</u></p> <p><u>Marking: Performance Standards and Approvals, Norms &amp; Certifications</u></p> <p><u>Respirator Marking</u></p> 


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Required PPE	Product Specification
<p><b>Classification:</b> Half/Full Face Reusable Respirator Filter, Cartridge Filter Particulate, Dust &amp; Mist</p> <p><b>Type:</b> 3M 6038 /Similar and/or Equivalent, Cartridge Filter P2/P3 Particulate</p> 	<p><b><u>Respiratory Protection</u></b></p> <p><b><u>Item:</u></b></p> <p><b>Half/Full Face Reusable Respirator Filter (Cartridge Filter Particulate, Dust &amp; Mist)</b></p> <p><b><u>Description (Including Special Features and Properties)</u></b></p> <p>The Half/Full Face Reusable Respirator Filter, <u>Cartridge Filter Particulate Dust &amp; Mist (e.g. aerosol spray paint)</u>, is one of the Series of filters that provide a filter option for Half Face/Full Face Respirators. Cartridge Filter has been approved as a P3 filter &amp; provides protection from Dust &amp; Mist (e.g. aerosol spray paint).</p> <p><b><u>PPE Category</u></b></p> <p>Respiratory Protection</p> <p><b><u>PPE Sub-Category</u></b></p> <p>Half/Full Face Respirator Filter (Cartridge Filter Particulate, Dust &amp; Mist)</p>


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Required PPE	Product Specification
<p><b>Classification:</b> Half/Full Face Reusable Respirator Filter, Cartridge Filter Particulate, Dust &amp; Mist</p> <p><b>Type:</b> 3M 6038 /Similar and/or Equivalent, Cartridge Filter P2/P3 Particulate</p>  <p>(Continue)</p>	<p><b>Respiratory Protection:</b> <u>Half/Full Face Reusable Respirator Filter (Cartridge Filter Particulate, Dust &amp; Mist)</u></p> <p><u>Main Process</u></p> <p>Assembling, Carrying, Checking, Climbing, Closing, Dismantling, Examining, Maintenance, Hammering, Handling, Inspection, Lifting, Operating and Breakdown.</p> <p><u>Application</u></p> <p>Working in areas where there is dust and mist exposure. Working in a respirator zone. Areas where the <u>dust and mist</u> concentration is up to 10xOEL (Occupational Exposure Limit) &amp; 100xOEL. Maintenance of Loco's, Wagons, Coaches, Stenciling TDS data on rail wagons with <u>Aerosol Spray Paint</u>. Does not protect in atmospheres containing less than 19.5% oxygen e.g. some confined space.</p> <p><u>Type of Protection</u></p> <p>Health Protection: Respiratory exposure - Dust: Pneumoconiosis ("dusty lung") &amp; Mist: Vomiting and diarrhoea, irritation to the nose, throat and lungs, headaches, dizziness, nausea, and fatigue.</p>

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Required PPE	Product Specification
<p><b>Classification:</b> Half/Full Face Reusable Respirator Filter, Cartridge Filter Particulate, Dust &amp; Mist</p> <p><b>Type:</b> 3M 6038 /Similar and/or Equivalent, Cartridge Filter P2/P3 Particulate</p>  <p>(Continue)</p>	<p><b>Respiratory Protection:</b> <u>Half/Full Face Reusable Respirator Filter (Cartridge Filter Particulate, Dust &amp; Mist)</u></p> <p><u>Product Information</u></p> <p><u>Product Features</u></p> <ul style="list-style-type: none"> <li>• It has been approved as a P3 filter.</li> <li>• The bayonet fitting ensures precise &amp; safer locking.</li> <li>• High performance filter media, advanced electret media for maximal filtration efficiency &amp; lightweight.</li> <li>• Low breathing resistance.</li> <li>• Capable of providing protection against particulates at levels up to ten (10) times the Exposure Standard on Half Face Respirator and up to one hundred (100) times the Exposure Standard on a Full Face mask.</li> </ul> <p><u>Weight</u></p> <p>Lightweight - 43g each (nominal)</p>

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Required PPE	Product Specification
<p><b>Classification:</b> Half/Full Face Reusable Respirator Filter, Cartridge Filter Particulate, Dust &amp; Mist</p> <p><b>Type:</b> 3M 6038 /Similar and/or Equivalent, Cartridge Filter P2/P3 Particulate</p>  <p>(Continue)</p>	<p><b>Respiratory Protection:</b> <b>Half/Full Face Reusable Respirator Filter (Cartridge Filter Particulate, Dust &amp; Mist)</b></p> <p><u>Performance (EN143 &amp; AS/NZS 1716)</u></p> <p><u>Level of Protection According to Filtering Capacity:</u>  P2 (Filter Performance) - With half facepiece respirator  P3 (Filter Performance) - with full facepiece respirator</p> <p><u>Threshold:</u>  10xOEL (Occupational Exposure Limit) - With half facepiece respirator  100xOEL (Occupational Exposure Limit) - With full facepiece respirator</p> <p><u>Cartridge Filter Particulate Marking</u>  Standard: EN143  Level of Protection: P3  Reusable: R  CE Marking according to European Directive for Personal Protective Equipment (PPE) 89/686/EEC: CE</p> <p><u>Performance Standards and Approvals, Norms &amp; Certifications</u>  EN143 Standard – Respiratory protective devices - Particle filters – Requirements, testing, marking  AS/NZS 1716 Standard – Respiratory protective devices  Testing and Approval: SABS Homologation approval [‘Homologation of Respiratory Equipment’]  <u>Directive</u>  Protection scope: Personal Protective Equipment Regulation 2016/425  Basic Safety Requirements under Article 10 and 11B: The Personal Protective Equipment Directive 1989/686</p>




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Required PPE	Product Specification
<p><b>Classification:</b> Half/Full Face Reusable Respirator Filter, Cartridge Filter Particulate, Dust &amp; Mist</p> <p><b>Type:</b> 3M 6038 /Similar and/or Equivalent, Cartridge Filter P2/P3 Particulate</p>  <p>(Continue)</p>	<p><b>Respiratory Protection:</b> <b>Half/Full Face Reusable Respirator Filter (Cartridge Filter Particulate, Dust &amp; Mist)</b></p> <p><u>Marking: Performance Standards and Approvals, Norms &amp; Certifications</u></p> <p><u>Cartridge Filter Particulate Marking</u></p>  

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Required PPE	Product Specification
<p><b>Classification:</b> Half/Full Face Reusable Respirator Filter, Cartridge Filter, Particulate Filter &amp; Retainer Organic Vapours/Acid Gases</p> <p><b>Type:</b> 3M Cartridge Filter 6057ABE1/ Similar and/or Equivalent</p>  <p>3M Particulate Filter 5935, P3/ Similar and/or Equivalent</p>  <p>3M Retainer 501/Similar and/or Equivalent</p>  <p>(Continue)</p>	<p><b>Respiratory Protection</b></p> <p><b>Item:</b> <b>Half/Full Face Reusable Respirator Filter (Cartridge Filter, Particulate Filter &amp; Retainer, Organic Vapours/Acid Gases)</b></p> <p><u>Description (Including <b>Special Features</b> and Properties)</u></p> <p>The Half/Full Face Reusable Respirator Filter, <u>Cartridge Filter, Particulate Filter P3 &amp; Retainer, Organic Vapours/Acid Gases</u> is one of the series of filters that are applicable for use in a range of gas/vapour environments. With the appropriate particulate filter added, protection against particulates can also be obtained.</p> <p><u>PPE Category</u> Respiratory Protection</p> <p><u>PPE Sub-Category</u> Half/Full Face Respirator Filter (Cartridge Filter, Particulate Filter &amp; Retainer, Organic Vapours/Acid Gases)</p> 

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Required PPE	Product Specification
<p><b>Classification:</b> Half/Full Face Reusable Respirator Filter, Cartridge Filter, Particulate Filter &amp; Retainer Organic Vapours/Acid Gases</p> <p><b>Type:</b> 3M Cartridge Filter 6057ABE1/ Similar and/or Equivalent</p>  <p>3M Particulate Filter 5935, P3/ Similar and/or Equivalent</p>  <p>3M Retainer 501/Similar and/or Equivalent</p>  <p>(Continue)</p>	<p><b>Respiratory Protection:</b> <u>Half/Full Face Reusable Respirator Filter (Cartridge Filter, Particulate Filter &amp; Retainer, Organic Vapours/Acid Gases)</u></p> <p><u>Main Process</u></p> <p>Assembling, Carrying, Checking, Climbing, Closing, Dismantling, Examining, Maintenance, Hammering, Handling, Inspection, Lifting, Operating and Breakdown.</p> <p><u>Application</u></p> <p>Working in areas where there is organic vapours/acid gases exposure. Working in a respirator zone. Areas where the <u>organic vapours/acid gases</u> concentration is up to 10xOEL (Occupational Exposure Limit) and 50xOEL OR up to a maximum of 1000ppm whichever is lower. Maintenance of Loco's, Wagons, Coaches, Stenciling TDS data on rail wagons with <u>Aerosol Spray Paint</u>. Does not protect in atmospheres containing less than 19.5% oxygen e.g. some confined space.</p> <p><u>Type of Protection</u></p> <p>Health Protection: Respiratory exposure – Organic vapours: Kidney and Nervous System Damage and Adverse Health Effects on the Respiratory Tract.</p>

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Required PPE	Product Specification
<p><b>Classification:</b> Half/Full Face Reusable Respirator Filter, Cartridge Filter, Particulate Filter &amp; Retainer Organic Vapours/Acid Gases</p> <p><b>Type:</b> 3M Cartridge Filter 6057ABE1/ Similar and/or Equivalent</p>  <p>3M Particulate Filter 5935, P3/ Similar and/or Equivalent</p>  <p>3M Retainer 501/Similar and/or Equivalent</p>  <p>(Continue)</p>	<p><b>Respiratory Protection:</b> <u>Half/Full Face Reusable Respirator Filter (Cartridge Filter, Particulate Filter &amp; Retainer, Organic Vapours/Acid Gases)</u></p> <p><u>Product Information</u></p> <p><u>Cartridge Filter</u> <u>Product Features</u></p> <ul style="list-style-type: none"> <li>• The Cartridge Filter Organic Vapours / Acid Gases, is one of the series of filters that are applicable for use in a range of gas/vapour environments. With the appropriate particulate filter added, protection against particulates can also be obtained.</li> <li>• The bayonet fitting ensures precise &amp; safer locking.</li> <li>• Low breathing resistance.</li> <li>• When selected and used in accordance with AS/NZS 1715, the Cartridge Filter is capable of providing protection against organic vapours with boiling points &gt;65°C and acid gases such as Sulfur Dioxide at levels up to ten (10) times the Exposure Standard on a half face mask and up to fifty (50) times the Exposure Standard on a full face mask OR up to a maximum of 1000ppm whichever is lower.</li> </ul> <p><u>Weight</u> Lightweight - 100g each (nominal)</p>


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Required PPE	Product Specification
<p><b>Classification:</b> Half/Full Face Reusable Respirator Filter, Cartridge Filter, Particulate Filter &amp; Retainer Organic Vapours/Acid Gases</p> <p><b>Type:</b> 3M Cartridge Filter 6057ABE1/ Similar and/or Equivalent</p>  <p>3M Particulate Filter 5935, P3/ Similar and/or Equivalent</p>  <p>3M Retainer 501/Similar and/or Equivalent</p>  <p>(Continue)</p>	<p><b>Respiratory Protection:</b> <u>Half/Full Face Reusable Respirator Filter (Cartridge Filter, Particulate Filter &amp; Retainer, Organic Vapours/Acid Gases)</u></p> <p><u>Product Information</u></p> <p><u>Particulate Filter P3</u></p> <p><b>Material</b> – Polypropylene</p> <p><u>Product Features</u></p> <ul style="list-style-type: none"> <li>• The Particulate Filter is used in conjunction with gas and vapour filters for protection against all particulates including highly toxic materials.</li> <li>• Low breathing resistance.</li> <li>• Versatility: can be used on Half Mask &amp; Full Face Masks Series in combination with series filters and Retainers.</li> <li>• This product meets the requirements of AS/NZS 1716:2003, Respiratory Protective Devices, as a P3 Particulate filter.</li> <li>• The Particulate filter can be used in industries where workers will be exposed to highly toxic or highly irritant particulates where gas/vapour protection is also required. When used in conjunction with a Full Face Mask, a protection factor of up to 100 for particulates is obtained. In accordance with AS/NZS 1715:2009, when a P3 filter is used on a half facepiece respirator, a protection factor equivalent to a P2 filter is obtained.</li> </ul> <p><u>Weight</u> Lightweight - 3g</p>


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Required PPE	Product Specification
<p><b>Classification:</b> Half/Full Face Reusable Respirator Filter, Cartridge Filter, Particulate Filter &amp; Retainer Organic Vapours/Acid Gases</p> <p><b>Type:</b> 3M Cartridge Filter 6057ABE1/ Similar and/or Equivalent</p>  <p>3M Particulate Filter 5935, P3/ Similar and/or Equivalent</p>  <p>3M Retainer 501/Similar and/or Equivalent</p>  <p>(Continue)</p>	<p><b>Respiratory Protection: Half/Full Face Reusable Respirator Filter (Cartridge Filter, Particulate Filter &amp; Retainer, Organic Vapours/Acid Gases)</b> <u>Performance (EN143 &amp; AS/NZS 1716)</u></p> <p><u>3M Cartridge Filter 6057ABE1</u></p> <p><u>Threshold:</u> 10xOEL (Occupational Exposure Limit) - With half facepiece respirator 50xOEL (Occupational Exposure Limit) OR up to a maximum of 1000ppm whichever is lower - With full facepiece respirator</p> <p><u>Cartridge Filter Marking</u> Filter No. Standard: EN143 CE Marking according to European Directive for Personal Protective Equipment (PPE) 89/686/EEC: CE <u>Performance Standards and Approvals, Norms &amp; Certifications</u> EN143 Standard – Respiratory protective devices - Particle filters – Requirements, testing, marking AS/NZS 1716 Standard – Respiratory protective devices Testing and Approval: SABS Homologation approval [‘Homologation of Respiratory Equipment’] <u>Directive</u> Protection scope: Personal Protective Equipment Regulation 2016/425 Basic Safety Requirements under Article 10 and 11B: The Personal Protective Equipment Directive 1989/686</p>


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Required PPE	Product Specification
<p><b><u>Classification:</u></b> Respirators, Reusable, Full Face, Dust &amp; Mist, Organic Vapours, Perchloroethylene (Electrical Cleaner)</p> <p><b><u>Type:</u></b> 3M, 6800/Similar and/or Equivalent, Full Face Respirator</p> 	<p><b><u>Respiratory Protection</u></b></p> <p><b><u>Item:</u></b></p> <p><b>Respirators [Reusable, Full Face, Dust &amp; Mist, Organic Vapours, Perchloroethylene (Electrical Cleaner)]</b></p> <p><b><u>Description (Including Special Features and Properties)</u></b></p> <p>The Full Face Respirator is a low maintenance respirator that offers the user comfort, convenience and easier breathing. Respirators have the bayonet connection system allowing connection to a broad range of twin lightweight filters to protect against gases, vapours and particulates depending on your individual needs.</p> <p><b><u>PPE Category</u></b></p> <p>Respiratory Protection</p> <p><b><u>PPE Sub-Category</u></b></p> <p>Respirators [Reusable, Half Face, Dust &amp; Mist, Organic Vapours, Perchloroethylene (Electrical Cleaner)]</p>


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Required PPE	Product Specification
<p><b>Classification:</b> Respirators, Reusable, Full Face, Dust &amp; Mist, Organic Vapours, Perchloroethylene (Electrical Cleaner)</p> <p><b>Type:</b> 3M, 6800/Similar and/or Equivalent, Full Face Respirator</p>  <p>(Continue)</p>	<p><b><u>Respiratory Protection: Respirators – Reusable, Full Face, Dust &amp; Mist, Organic Vapours, Perchloroethylene (Electrical Cleaner)</u></b></p> <p><u>Main Process</u></p> <p>Assembling, Carrying, Checking, Climbing, Closing, Dismantling, Examining, Maintenance, Hammering, Handling, Cleaning, Inspection, Lifting, Operating and Breakdown.</p> <p><u>Application</u></p> <p><u>Dust and mist (e.g. aerosol spray paint), organic vapours, paint fumes, Perchloroethylene (Electrical Cleaner).</u></p> <p>Working in a respirator zone. Areas where the contaminant concentration is up to 50xOEL (Occupational Exposure Limit) and 100xOEL. Maintenance of Loco's, Wagons, Coaches, Stenciling TDS data on rail wagons with Aerosol Spray Paint, Cleaning electrical components, Cleaning traction motors.</p> <p><u>Type of Protection</u></p> <p>Health Protection: Respiratory exposure – Dust and mist, organic vapours: Kidney and Nervous System Damage, Cancer and Adverse Health Effects on the Respiratory Tract.</p>





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Required PPE	Product Specification
<p><b>Classification:</b> Respirators, Reusable, Full Face, Dust &amp; Mist, Organic Vapours, Perchloroethylene (Electrical Cleaner)</p> <p><b>Type:</b> 3M, 6800/Similar and/or Equivalent, Full Face Respirator</p>  <p>(Continue)</p>	<p><b><u>Respiratory Protection: Respirators – Reusable, Full Face, Dust &amp; Mist, Organic Vapours, Perchloroethylene (Electrical Cleaner)</u></b></p> <p><u>Product Information</u></p> <p><b>Material</b> – Natural Rubber Latex</p> <p><u>Product Features</u></p> <ul style="list-style-type: none"> <li>• Soft, lightweight elastomeric respirator ensures comfort during long periods of work</li> <li>• Flexible System (gas &amp; vapour and / or particulate filters plus Supplied-Air option).</li> <li>• Twin filter design provides lower breathing resistance, a more balanced fit, and improves field of vision.</li> <li>• Safe, secure Bayonet filter attachment system.</li> <li>• Wide field of vision helps provide excellent visibility.</li> <li>• Harness type: 4 point.</li> </ul> <p><u>Weight</u></p> <ul style="list-style-type: none"> <li>• Weight: 405g (without filters)</li> </ul>

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Required PPE	Product Specification										
<p><b>Classification:</b> Respirators, Reusable, Full Face, Dust &amp; Mist, Organic Vapours, Perchloroethylene (Electrical Cleaner)</p> <p><b>Type:</b> 3M, 6800/Similar and/or Equivalent, Full Face Respirator</p>  <p>(Continue)</p>	<p><b>Respiratory Protection: Respirators – Reusable, Full Face, Dust &amp; Mist, Organic Vapours, Perchloroethylene (Electrical Cleaner)</b></p> <p>When selected and used in accordance with AS/NZS 1715, the Full Face Reusable Respirator Series is capable of providing the following maximum use concentrations:</p> <table border="1"> <thead> <tr> <th>Full Face Reusable Respirator Series</th><th>Maximum Use Concentration</th></tr> </thead> <tbody> <tr> <td>P2 Particulate Filters</td><td>50 x Exposure Standard</td></tr> <tr> <td>P3 Particulate Filters</td><td>100 x Exposure Standard</td></tr> <tr> <td>Class 1 Gas and Vapour Filter</td><td>50 x Exposure Standard or 1000 ppm (whichever is lower)</td></tr> <tr> <td>Class 2 Gas and Vapour Filter</td><td>100 x Exposure Standard or 5000 ppm (whichever is lower)</td></tr> </tbody> </table> <p><u>Respirator Marking</u>  <u>Manufacturer Identification</u>  <u>Performance Standards and Approvals, Norms &amp; Certifications</u>  AS/NZS 1716 Standard – Respiratory protective devices  AS/NZS 1337 Standard – High Impact Eye Protection  Testing and Approval: SABS Homologation approval [‘Homologation of Respiratory Equipment’]  <u>Directive</u>  Protection scope: Personal Protective Equipment Regulation 2016/425  Basic Safety Requirements under Article 10 and 11B: The Personal Protective Equipment Directive 1989/686</p>	Full Face Reusable Respirator Series	Maximum Use Concentration	P2 Particulate Filters	50 x Exposure Standard	P3 Particulate Filters	100 x Exposure Standard	Class 1 Gas and Vapour Filter	50 x Exposure Standard or 1000 ppm (whichever is lower)	Class 2 Gas and Vapour Filter	100 x Exposure Standard or 5000 ppm (whichever is lower)
Full Face Reusable Respirator Series	Maximum Use Concentration										
P2 Particulate Filters	50 x Exposure Standard										
P3 Particulate Filters	100 x Exposure Standard										
Class 1 Gas and Vapour Filter	50 x Exposure Standard or 1000 ppm (whichever is lower)										
Class 2 Gas and Vapour Filter	100 x Exposure Standard or 5000 ppm (whichever is lower)										

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Required PPE	Product Specification
<p><b>Classification:</b> Half/Full Face Reusable Respirator Filter, Cartridge Filter, Particulate Filter &amp; Retainer, Organic Vapours &amp; Perchloroethylene (Electrical Cleaner)</p> <p><b>Type:</b> 3M Cartridge Filter 6055A2/Similar and/or Equivalent</p>  <p>3M Particulate Filter 5935, P3/Similar and/or Equivalent</p>  <p>3M Retainer 501/Similar and/or Equivalent</p> 	<p><b>Respiratory Protection</b></p> <p><b>Item:</b> <b>Half/Full Face Reusable Respirator Filter [Cartridge Filter, Particulate Filter &amp; Retainer, Organic Vapours &amp; Perchloroethylene (Electrical Cleaner)]</b></p> <p><u>Description (Including <b>Special Features</b> and Properties)</u></p> <p>The Half/Full Face Reusable Respirator Filter, <u>Cartridge Filter, Particulate Filter, P3 &amp; Retainer, Organic Vapours</u> is one of the series of filters that are applicable for use in a range of gas/vapour environments. With the appropriate particulate filter added, protection against particulates can also be obtained.</p> <p><u>PPE Category</u> Respiratory Protection</p> <p><u>PPE Sub-Category</u> Half/Full Face Respirator Filter [Cartridge Filter, Particulate Filter &amp; Retainer, Organic Vapours &amp; Perchloroethylene (Electrical Cleaner)]</p> 

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Required PPE	Product Specification
<p><b>Classification:</b> Half/Full Face Reusable Respirator Filter, Cartridge Filter, Particulate Filter &amp; Retainer, Organic Vapours &amp; Perchloroethylene (Electrical Cleaner)</p> <p><b>Type:</b> 3M Cartridge Filter 6055A2/Similar and/or Equivalent</p>  <p>3M Particulate Filter 5935, P3/Similar and/or Equivalent</p>  <p>3M Retainer 501/Similar and/or Equivalent</p>  <p>(Continue)</p>	<p><b>Respiratory Protection:</b> <u>Half/Full Face Reusable Respirator Filter (Cartridge Filter, Particulate Filter &amp; Retainer, Organic Vapours &amp; Perchloroethylene (Electrical Cleaner))</u></p> <p><u>Main Process</u></p> <p>Assembling, Carrying, Checking, Climbing, Closing, Dismantling, Examining, Maintenance, Hammering, Handling, Cleaning, Inspection, Lifting, Operating and Breakdown.</p> <p><u>Application</u></p> <p><u>Dust and mist (e.g. aerosol spray paint), organic vapours, paint fumes, Perchloroethylene (Electrical Cleaner).</u> Working in a respirator zone. Areas where the contaminant concentration is up to 10xOEL (Occupational Exposure Limit) and 100xOEL. Maintenance of Loco's, Wagons, Coaches, Stenciling TDS data on rail wagons with Aerosol Spray Paint, Cleaning electrical components, Cleaning traction motors.</p> <p><u>Type of Protection</u></p> <p>Health Protection: Respiratory exposure – Dust and mist, organic vapours: Kidney and Nervous System Damage, Cancer and Adverse Health Effects on the Respiratory Tract.</p>




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Required PPE	Product Specification
<p><b>Classification:</b> Half/Full Face Reusable Respirator Filter, Cartridge Filter, Particulate Filter &amp; Retainer, Organic Vapours &amp; Perchloroethylene (Electrical Cleaner)</p> <p><b>Type:</b> 3M Cartridge Filter 6055A2/Similar and/or Equivalent</p>  <p>3M Particulate Filter 5935, P3/Similar and/or Equivalent</p>  <p>3M Retainer 501/Similar and/or Equivalent</p>  <p>(Continue)</p>	<p><b>Respiratory Protection:</b> <u>Half/Full Face Reusable Respirator Filter (Cartridge Filter, Particulate Filter &amp; Retainer, Organic Vapours &amp; Perchloroethylene (Electrical Cleaner))</u></p> <p><u>Product Information</u>  <u>Cartridge Filter</u>  <u>Product Features</u></p> <ul style="list-style-type: none"> <li>• The Cartridge Filter Organic Vapours, is one of the series of filters that are applicable for use in a range of gas/vapour environments. With the appropriate particulate filter added, protection against particulates can also be obtained.</li> <li>• The bayonet fitting ensures precise &amp; safer locking.</li> <li>• Low breathing resistance.</li> <li>• When selected and used in accordance with AS/NZS 1715, the Cartridge Filter is capable of providing protection against organic vapours with boiling points &gt;65°C at levels up to ten (10) times the Exposure Standard on a half face mask and up to hundred (100) times the Exposure Standard on a full face mask OR up to a maximum of 5000ppm whichever is lower.</li> <li>• High performance activated carbon for effective filtration.</li> <li>• Filter Rating: A2.</li> <li>• For protection when exposed to higher concentrations where class 2 protection is required.</li> </ul> <p><b>Material:</b> Filter Body – Polystyrene, Gas/Vapour Filter element - Activated Carbon</p> <p><u>Weight</u> - 70g per pair of filters</p>



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Required PPE	Product Specification
<p><b>Classification:</b> Half/Full Face Reusable Respirator Filter, Cartridge Filter, Particulate Filter &amp; Retainer, Organic Vapours &amp; Perchloroethylene (Electrical Cleaner)</p> <p><b>Type:</b> 3M Cartridge Filter 6055A2/Similar and/or Equivalent</p>  <p>3M Particulate Filter 5935, P3/Similar and/or Equivalent</p>  <p>3M Retainer 501/Similar and/or Equivalent</p>  <p>(Continue)</p>	<p><b>Respiratory Protection:</b> <u>Half/Full Face Reusable Respirator Filter (Cartridge Filter, Particulate Filter &amp; Retainer, Organic Vapours &amp; Perchloroethylene (Electrical Cleaner))</u></p> <p><u>Product Information</u></p> <p><u>Particulate Filter, P3</u></p> <p><b>Material</b> – Polypropylene</p> <p><u>Product Features</u></p> <ul style="list-style-type: none"> <li>• The Particulate Filter is used in conjunction with series gas and vapour filters for protection against all particulates including highly toxic materials.</li> <li>• Low breathing resistance.</li> <li>• Versatility: can be used on Half Mask &amp; Full Face Masks Series in combination with series filters and Retainers.</li> <li>• This product meets the requirements of AS/NZS 1716:2003, Respiratory Protective Devices, as a P3 Particulate filter.</li> <li>• The 3M Particulate filter can be used in industries where workers will be exposed to highly toxic or highly irritant particulates where gas/vapour protection is also required. When used in conjunction with a Full Face Mask, a protection factor of up to 100 for particulates is obtained. In accordance with AS/NZS 1715, when a P3 filter is used on a half facepiece respirator, a protection factor equivalent to a P2 filter is obtained.</li> </ul> <p><u>Weight</u></p> <p>Lightweight - 3g</p>

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Required PPE	Product Specification
<p><b>Classification:</b> Half/Full Face Reusable Respirator Filter, Cartridge Filter, Particulate Filter &amp; Retainer, Organic Vapours &amp; Perchloroethylene (Electrical Cleaner)</p> <p><b>Type:</b> 3M Cartridge Filter 6055A2/Similar and/or Equivalent</p>  <p>3M Particulate Filter 5935, P3/Similar and/or Equivalent</p>  <p>3M Retainer 501/Similar and/or Equivalent</p>  <p>(Continue)</p>	<p><b>Respiratory Protection: Half/Full Face Reusable Respirator Filter (Cartridge Filter, Particulate Filter &amp; Retainer, Organic Vapours &amp; Perchloroethylene (Electrical Cleaner))</b></p> <p><u>Performance (AS/NZS 1715 &amp; AS/NZS 1716)</u></p> <p><u>Cartridge Filter</u></p> <p><u>Threshold:</u> 10xOEL (Occupational Exposure Limit) - With half facepiece respirator 100xOEL (Occupational Exposure Limit) OR up to a maximum of 5000ppm whichever is lower - With full facepiece respirator</p> <p><u>Cartridge Filter Marking</u> Manufacturer Identification Filter No. Standard: AS/NZS 1716 CE Marking according to European Directive for Personal Protective Equipment (PPE) 89/686/EEC: CE</p> <p><u>Performance Standards and Approvals, Norms &amp; Certifications</u> AS/NZS 1715 Standard – Selection, use and maintenance of respiratory protective equipment AS/NZS 1716 Standard – Respiratory protective devices Testing and Approval: SABS Homologation approval [‘Homologation of Respiratory Equipment’]</p> <p><u>Directive</u> Protection scope: Personal Protective Equipment Regulation 2016/425 Basic Safety Requirements under Article 10 and 11B: The Personal Protective Equipment Directive 1989/686</p>

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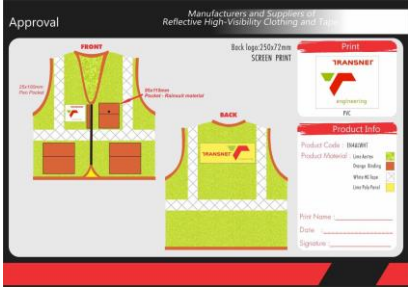
Required PPE	Product Specification
<p><b>Classification:</b> Full Face Reusable Respirator, Air Supply, Organic Vapours &amp; Perchloroethylene (Electrical Cleaner)</p> <p><b>Type:</b> MSA Auer 3S Full Face Mask, A2B2E2K1P3 Canister for Mask, MSA Airline Trolley with 1 Cylinder and 2 users, with secondary backup/Similar and/or Equivalent</p> <div>  </div> <div>  </div>	<p><b><u>Respiratory Protection</u></b></p> <p><b><u>Item:</u></b></p> <p><b>Respiratory Protection: Respirators – Reusable, Full Face Organic Vapours, Perchloroethylene (Electrical Cleaner), Air Supply</b></p> <p><u>PPE Category</u></p> <p>Respiratory Protection</p> <p><u>PPE Sub-Category</u></p> <p>Respiratory Protection: Respirators – Reusable, Full Face Organic Vapours, Perchloroethylene (Electrical Cleaner), Air Supply</p> <p><u>Performance Standards and Approvals, Norms &amp; Certifications</u></p> <p>EN166 Standard – Personal Eye Protection - Specifications  EN14593 Standard - Respiratory protective devices – Compressed air line breathing devices with demand valve  Basic Safety Requirements under article 10 of the European Directive 89/686/EEC, CE Marked  AS/NZS 1716 Standard – Respiratory protective devices</p> <p><u>Directive</u>  Protection scope: Personal Protective Equipment Regulation 2016/425</p>

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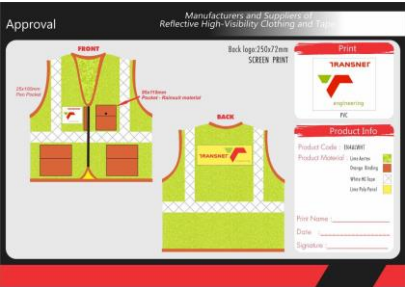
## Category 2 – Body Protection

Required PPE	Product Specification
<p><b>Classification:</b> Work Suit, Safety</p> <p><b>Type:</b> Dromex, Poly Viscose Acid Conti suit Reflective, DW-PVACIDRT-S/Similar and/or Equivalent, Chemical</p> 	<p><b>Body Protection</b></p> <p><b>Item:</b></p> <p><b>Work Suit (Chemical)</b></p> <p><u>PPE Category</u></p> <p>Body Protection</p> <p><u>PPE Sub-Category</u></p> <p>Chemical</p> <p><u>Performance Standards and Approvals, Norms &amp; Certifications</u></p> <p>SABS 434, SANS 434, SANS 1362, SANS 1822, SANS 5278, SANS 10235, SANS 50471, ISO 6530</p> <p><u>Directive</u></p> <p>Protection scope: Personal Protective Equipment Regulation 2016/425</p> <p><u>Transnet Logo</u></p> <p>Left front yoke and back pocket of trouser.</p> <p>Refer to Transnet CI branding requirements for Transnet Engineering Logo.</p>  <p>delivering freight reliably <i>engineering</i></p>

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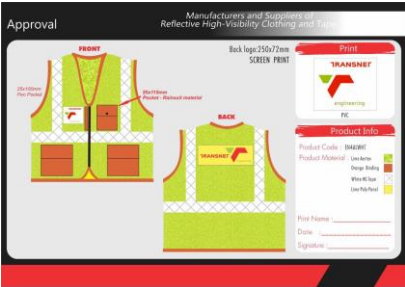
Required PPE	Product Specification
<p><b><u>Classification:</u></b> Vest, High Visibility</p> <p><b><u>Type:</u></b> WATT/Similar and/or Equivalent, Reflective Safety Vest (Operations)</p> 	<p><b><u>Body Protection</u></b></p> <p><b><u>Item:</u></b></p> <p><b>Reflective Safety Vest (Operations)</b></p> <p><b><u>Description (Including <b>Special Features</b> and Properties)</u></b></p> <p>The Reflective Safety Vest is a high visibility safety vest with a Class 2 High Visibility Performance Grade. The high visibility clothing is intended to provide conspicuity of the wearer in any light condition when viewed by operators of vehicles or other mechanized equipment during daylight conditions and under illumination of headlights in the dark.</p> <p><b><u>PPE Category</u></b></p> <p>Body Protection</p> <p><b><u>PPE Sub-Category</u></b></p> <p>Reflective Safety Vest (Operations)</p>

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Required PPE	Product Specification
<p><b>Classification:</b> Vest, High Visibility</p> <p><b>Type:</b> WATT/Similar and/or Equivalent, Reflective Safety Vest (Operations)</p>  <p>(Continue)</p>	<p><b>Body Protection: Reflective Safety Vest – Operations</b></p> <p><u>Main Process</u></p> <p>Walking Activities. Assembling, Carrying, Checking, Climbing, Closing, Dismantling, Examining, Maintenance, Hammering, Handling, Inspection, Lifting, Operating and Breakdown.</p> <p><u>Application</u></p> <p>Walking and working in workshops and yards. Where there is moving equipment/vehicles.</p> <p><u>Type of Protection</u></p> <p>Protect being strike by moving equipment/vehicles.</p>

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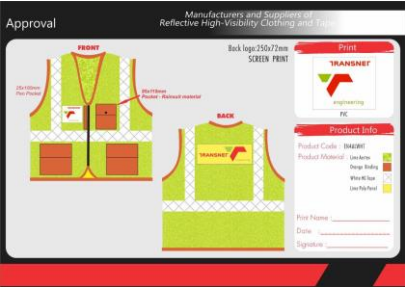
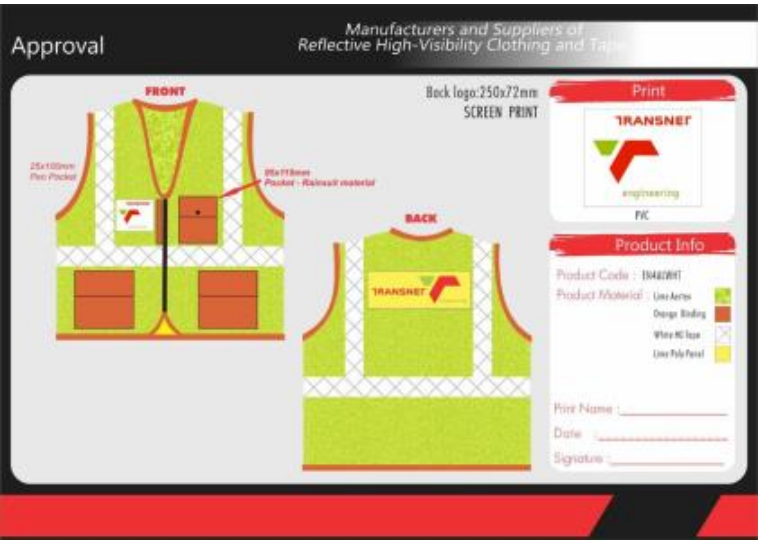
Required PPE	Product Specification
<p><b>Classification:</b> Vest, High Visibility</p> <p><b>Type:</b> WATT/Similar and/or Equivalent, Reflective Safety Vest (Operations)</p>  <p>(Continue)</p>	<p><b>Body Protection: Reflective Safety Vest – Operations</b></p> <p><u>Product Information</u></p> <p><b>Size:</b> S – 5XL</p> <p><b>Colour:</b> Hi visibility lime-yellow and orange</p> <p><b>Material</b></p> <ul style="list-style-type: none"> <li>• 100% Polyester fabric</li> <li>• High-pressure dyed, UV-resistant as well as colour-fast</li> <li>• Colours are hi visibility lime-yellow and orange conforming to EN 20471 and SANS 50471</li> <li>• Lime Aertex Material, Lime Poly Material &amp; White HG Conforming Tape</li> <li>• 135gsm<sup>2</sup> aertex polyester</li> </ul> <p><b>Zip</b></p> <ul style="list-style-type: none"> <li>• Only a SABs approved open ended lock slider zip may be used</li> <li>• The zip must be a nylon spiral heat-resistant type</li> <li>• The colour and combination is as per Customer</li> </ul> <p><b>Reflective Markings</b></p> <ul style="list-style-type: none"> <li>• The size of panels will allow for effective retro-reflectivity from all angles</li> <li>• Reflexite WATT GP340/Similar and/or Equivalent, microprismatic white 50mm wide stripes that are strategically placed on the front and back centre as well as the sides of the jacket.</li> </ul>

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Required PPE	Product Specification
<p><b><u>Classification:</u></b> Vest, High Visibility</p> <p><b><u>Type:</u></b> WATT/Similar and/or Equivalent, Reflective Safety Vest (Operations)</p>  <p>(Continue)</p>	<p><b><u>Body Protection: Reflective Safety Vest – SHE-Department</u></b></p> <p><u>Mechanical Rating – High Visibility Performance Grade</u></p> <p>Class 2</p> <p><u>Performance Standards and Approvals, Norms &amp; Certifications</u></p> <p>BS EN ISO 20471:2013+A1:2016 Standard - High visibility clothing - Test methods and requirements</p> <p>SANS 20471:2022 Standard - High visibility clothing - Test methods and requirements</p> <p>SANS 50471:2022 Standard - High visibility warning clothing for professional use</p> <p><u>Directive</u></p> <p>Protection scope: Personal Protective Equipment Regulation 2016/425</p>


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Required PPE	Product Specification
<p><b>Classification:</b> Vest, High Visibility</p> <p><b>Type:</b> WATT/Similar and/or Equivalent, Reflective Safety Vest (Operations)</p>  <p>(Continue)</p>	<p><b>Body Protection: Reflective Safety Vest – SHE-Department</b></p> <p><b>Marking:</b> Performance Standards and Approvals, Norms &amp; Certifications</p> 


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Required PPE	Product Specification
<p><b><u>Classification:</u></b> Walkie Talkie Harness, High Visibility</p> <p><b><u>Type:</u></b> WATT/Similar and/or Equivalent, Reflective Safety Walkie Talkie Harness (Shunting)</p> 	<p><b><u>Body Protection</u></b></p> <p><b><u>Item:</u></b></p> <p><b>Reflective Safety Walkie Talkie Harness (Shunting)</b></p> <p><b><u>Description (Including <b>Special Features</b> and Properties)</u></b></p> <p>The Reflective Safety Walkie Talkie Harness is a high visibility safety vest with a Class 1 High Visibility Performance Grade. The high visibility clothing is intended to provide conspicuity of the wearer in any light condition when viewed by operators of vehicles or other mechanized equipment during daylight conditions and under illumination of headlights in the dark.</p> <p><b><u>PPE Category</u></b></p> <p>Body Protection</p> <p><b><u>PPE Sub-Category</u></b></p> <p>Reflective Safety Walkie Talkie Harness (Shunting)</p>


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Required PPE	Product Specification
<p><b>Classification:</b> Walkie Talkie Harness, High Visibility</p> <p><b>Type:</b> WATT/Similar and/or Equivalent, Reflective Safety Walkie Talkie Harness (Shunting)</p>  <p>(Continue)</p>	<p><b>Body Protection: Reflective Safety Walkie Talkie Harness – Shunting</b></p> <p><u>Main Process</u></p> <p>Shunting Activities. Walking Activities. Assembling, Carrying, Checking, Climbing, Closing, Dismantling, Examining, Maintenance, Hammering, Handling, Inspection, Lifting, Operating.</p> <p><u>Application</u></p> <p>Shunting Activities. Walking and working in workshops and yards. Where there is moving equipment/vehicles.</p> <p><u>Type of Protection</u></p> <p>Protect being strike by moving equipment/vehicles.</p>

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Required PPE	Product Specification
<p><b><u>Classification:</u></b> Walkie Talkie Harness, High Visibility</p> <p><b><u>Type:</u></b> WATT/Similar and/or Equivalent, Reflective Safety Walkie Talkie Harness (Shunting)</p>  <p>(Continue)</p>	<p><b><u>Body Protection: Reflective Safety Walkie Talkie Harness – Shunting</u></b></p> <p><u>Product Information</u></p> <p><b>Size:</b> S – 5XL</p> <p><b>Colour:</b> Hi visibility lime-yellow</p> <p><b><u>Material</u></b></p> <ul style="list-style-type: none"> <li>• 300D Polyurethane coated non-breathable lime fabric</li> <li>• High-pressure dyed, UV-resistant as well as colour-fast</li> <li>• Colours are hi visibility lime-yellow conforming to EN 20471 and SANS 50471</li> <li>• Lime Poly Material &amp; White HG Conforming Tape</li> <li>• Adjustable 50mm straps with quick release plastic clasps</li> <li>• Reinforced front panel</li> <li>• 50mm lime and silver combination reflective tape</li> <li>• Transparent ID pouch</li> <li>• Transnet logo PVC screen print</li> <li>• Class 1</li> </ul> <p><b><u>Reflective Markings</u></b></p> <ul style="list-style-type: none"> <li>• Reflexite WATT TT50LSS/Similar and/or Equal, Lime/Silver 50mm wide straps</li> </ul>

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Required PPE	Product Specification
<p><b>Classification:</b> Walkie Talkie Harness, High Visibility</p> <p><b>Type:</b> WATT/Similar and/or Equivalent, Reflective Safety Walkie Talkie Harness (Shunting)</p>  <p>(Continue)</p>	<p><b>Body Protection: Reflective Safety Walkie Talkie Harness – Shunting</b></p> <p><u>Product Information (Continue)</u></p> <p><b><u>Wet Performance</u></b></p> <ul style="list-style-type: none"> <li>• To retain 60% of dry reflectivity in heavy rain, at a rate of 25mm p/h, initial brilliance to return as material dries</li> <li>• The Reflexite WATT TT50LSS/Similar and/or Equivalent Lime/Silver reflective shall retain at least 500 Candlepower and other reflective branding at least 350 Candlepower</li> </ul> <p><b><u>Construction</u></b></p> <ul style="list-style-type: none"> <li>• All seams to be sewn and overlapped</li> </ul> <p><b><u>General Requirements</u></b></p> <ul style="list-style-type: none"> <li>• As per customer</li> <li>• Consider left- and right-hand use &amp; operation with different types of walkies talkies</li> </ul>

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Required PPE	Product Specification
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Required PPE	Product Specification
<p><b>Classification:</b> Walkie Talkie Harness, High Visibility</p> <p><b>Type:</b> WATT/Similar and/or Equivalent, Reflective Safety Walkie Talkie Harness (Shunting)</p>	<p><b>Body Protection: Reflective Safety Walkie Talkie Harness – Shunting</b></p> <p><u>Marking: Performance Standards and Approvals, Norms &amp; Certifications</u></p> <div>  </div>

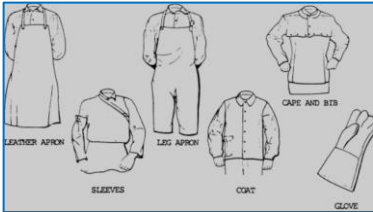

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Required PPE	Product Specification
<p><b><u>Classification:</u></b> Rainwear, Rainsuit</p> <p><b><u>Type:</u></b> WATT/Similar and/or Equivalent, Navy Parka Rainsuit</p> <div>  </div> <div>  </div>	<p><b><u>Body Protection</u></b></p> <p><b><u>Item:</u></b></p> <p><b>Rainwear (Rainsuit)</b></p> <p><u>PPE Category</u></p> <p>Body Protection</p> <p><u>PPE Sub-Category</u></p> <p>Rainwear (Rainsuit)</p> <p><u>Performance Standards and Approvals, Norms &amp; Certifications</u></p> <p>BS EN ISO 20471:2013+A1:2016 Standard - High visibility clothing - Test methods and requirements</p> <p>SANS 20471:2022 Standard - High visibility clothing - Test methods and requirements</p> <p>SANS 50471:2022 Standard - High visibility warning clothing for professional use</p> <p>Reflexite microprismatic white reflective Class 3, WATT GP340/Similar and/or Equivalent</p> <p><u>Directive</u></p> <p>Protection scope: Personal Protective Equipment Regulation 2016/425</p>


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Required PPE	Product Specification
<p><b><u>Classification:</u></b> Knee Pad, Safety</p> <p><b><u>Type:</u></b> Knee Pad</p> 	<p><b><u>Body Protection</u></b></p> <p><b><u>Item:</u></b></p> <p><b>Knee Pad, Safety</b></p> <p><u>PPE Category</u></p> <p>Body Protection</p> <p><u>PPE Sub-Category</u></p> <p>Kneepad, Safety</p> <p><u>Performance Standards and Approvals, Norms &amp; Certifications</u></p> <p>EN 14404 Standard – Knee protectors for work in the kneeling position</p> <p>Knee Pad must be flexible and not bulky</p> <p><u>Directive</u></p> <p>Protection scope: Personal Protective Equipment Regulation 2016/425</p>

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Required PPE	Product Specification
<p><b><u>Classification:</u></b> Welding Clothing, Inherently Flame Resistant</p> <p><b><u>Type:</u></b> Welding Clothing, Beier's/Similar and/or Equivalent, I-Flame thermal protection fabric, Welding, Grinding &amp; Flame Cutting</p>  	<p><b><u>Body Protection</u></b></p> <p><b><u>Item:</u></b></p> <p><b>Welding Clothing (Inherently Flame Resistant)</b></p> <p><u>PPE Category</u></p> <p>Body Protection</p> <p><u>PPE Sub-Category</u></p> <p>Welding Clothing (Inherently Flame Resistant)</p> <p><u>Performance Standards and Approvals, Norms &amp; Certifications</u></p> <p>Inherently Flame Resistant</p> <p><u>Directive</u></p> <p>Protection scope: Personal Protective Equipment Regulation 2016/425</p>

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Required PPE	Product Specification
<p><b><u>Classification:</u></b> Apron, Safety</p> <p><b><u>Type:</u></b> Leather Apron, 60cmx120cm, Welding, Grinding &amp; Flame Cutting</p> 	<p><b><u>Body Protection</u></b></p> <p><b><u>Item:</u></b></p> <p><b>Apron (Welding, Grinding &amp; Flame Cutting)</b></p> <p><u>PPE Category</u></p> <p>Body Protection</p> <p><u>PPE Sub-Category</u></p> <p>Welding, Grinding &amp; Flame Cutting</p> <p><u>Performance Standards and Approvals, Norms &amp; Certifications</u></p> <p>EN ISO11611 Standard – Protective clothing for use in welding &amp; allied processes</p> <p><u>Directive</u></p> <p>Protection scope: Personal Protective Equipment Regulation 2016/425</p>

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Required PPE	Product Specification
<p><b><u>Classification:</u></b> Disposable Coverall, Safety</p> <p><b><u>Type:</u></b> Type 5 and Type 6, Disposable Coverall, Dust, Oil, Diesel, Paint &amp; Asbestos</p> 	<p><b><u>Body Protection</u></b></p> <p><b><u>Item:</u></b></p> <p><b>Disposable Coverall (Dust, Oil, Diesel, Paint &amp; Asbestos)</b></p> <p><u>PPE Category</u></p> <p>Body Protection</p> <p><u>PPE Sub-Category</u></p> <p>Dust, Oil, Diesel, Spray-paint &amp; Asbestos</p> <p><u>Performance Standards and Approvals, Norms &amp; Certifications</u></p> <p>EN 14325 Standard – Protective clothing against chemicals</p> <p>EN 13034 Standard – Protective clothing against liquid chemicals</p> <p>EN 13982 Standard – Protective clothing for use against solid particulates</p> <p>EN 1149 Standard – Protective clothing – Electrostatic properties</p> <p><u>Directive</u></p> <p>Protection scope: Personal Protective Equipment Regulation 2016/425</p>


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## Hand Protection


Required PPE	Product Specification
<p><b><u>Classification:</u></b> Gloves, Utility</p> <p><b><u>Type:</u></b> Safety, Wonder Grip, WG-787 Dexcut/Similar and/or Equivalent</p> 	<p><b><u>Hand Protection</u></b></p> <p><b><u>Item:</u></b></p> <p><b>Gloves [General Work (Light and Heavy Components, Small Bolts and Nuts, Dry Conditions, Low Volumes of Water, Oil, Grease &amp; Diesel)]</b></p> <p><u>Description (Including Special Features and Properties)</u></p> <p>This is a glove with a Nitrile single dip, palm fit coating constructed on a 13-gauge (Thickness) knitted, HPPE (High Performance Polyethylene), MHUEPW (Ultra High Molecular Weight Polyethylene): Tsunooga™, Glass Fibre, Polyester, Spandex and Elastic liner. Binding - Polyester. The high-performance polyethylene Tsunooga™ fibre offers an excellent cut-resistance (ISO 13997 level D), good touch sensitivity, an outstanding flexibility and freedom of movement while leaving a feeling of freshness on the skin. Wonder Grip technology™ Nitrile coating/similar combined with preformed moulds TPDT™ Technology (Thermo-set Pre-curved Design Technology™) makes WG-787/Similar the perfect solution for excellent ergonomic performance and unrivalled grip in dry, slightly wet, or oily conditions. Glove fit: Tight, Comfortable fit. Dexterity (the ease at which a task can be performed easily using your hands) of 5. Reinforced thumb crotch provides extended use life. Breathable, ideal for Precision handling in oily conditions and Seamless. Protect for ≥15 seconds against contact heat of up to 100°C.</p> <p><u>PPE Category</u></p> <p>Hand Protection <u>PPE</u></p> <p><u>Sub-Category</u> - General Work – Light&amp;Heavy Components, Dry&amp;Wet (Low Volumes)</p>

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Required PPE	Product Specification
<p><b>Classification:</b> Gloves, Utility</p> <p><b>Type:</b> Safety, Wonder Grip WG-787 Dexcut/Similar and/or Equivalent</p>  <p>(Continue)</p>	<p><b>Hand Protection: Gloves – General Work (Light and Heavy Components, Small Bolts and Nuts, Dry Conditions, Low Volumes of Water, Oil, Grease &amp; Diesel)</b></p> <p><u>Main Process</u></p> <p>Dry, Slightly Wet and Slightly Oily Conditions - Assembling, Carrying, Checking, Climbing, Closing, Dismantling, Examining, Maintenance, Hammering, Handling, Inspection, Lifting and Operating.</p> <p><u>Application</u></p> <p>Handling small bolts and nuts, handling light components, handling heavy components, handling sharp objects, working in dry conditions, working with low volumes of water, oil, grease &amp; diesel, working where grip is required, assembly work with extremely high requirements to abrasion resistance, precision handling in oily conditions, exposure to mechanical hazards, suitable for exceptionally high demands for touch sensitivity (e.g. Touch Screen Devices) and working in temperature up to 100 °C.</p> <p><u>Type of Protection</u></p> <p>Protection against <u>Cuts</u> by sharp materials.</p> <p>Resistant to contact heat up to 100 °C for ≥15 seconds.</p> <p><u>Product Information</u></p> <p><u>Material</u> - Liner (Support) - 13 Gauge (Dexterity)/Spandex, high performance Polyethylene Tsunooga™, Polyester and Glass Fibre.Coating - <u>Nitrile</u> single dip, palm fit, 1mm thick. <u>Cuff Type</u> – Short Cuff</p>


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Required PPE	Product Specification				
<b>Classification:</b> Gloves, Utility	<b>Hand Protection: Gloves – General Work (Light and Heavy Components, Small Bolts and Nuts,</b>				
<b>Type:</b> Safety, Wonder Grip, WG-787 Dexcut/Similar and/or Equivalent	<b>Dry Conditions, Low Volumes of Water, Oil, Grease &amp; Diesel)</b>				
 (Continue)	<u>Product Information (Continue)</u>				
	<u>Glove Constitution:</u>				
		Colour	Material	Gauges	Thickness
	Palm (Coating)	Black	Nitrile		1mm
	Palm (Liner)	Green/White	HPPE (High performance polyethylene), UHMWPE (Ultra High Molecular Weight Polyethylene): Tsunooga™, Glass fibre, Polyester and Spandex.	13	
	Back (Liner)	Green/White	HPPE (High performance polyethylene), UHMWPE (Ultra High Molecular Weight Polyethylene): Tsunooga™, Glass fibre, Polyester and Spandex.	13	
	Cuff (Liner)	Green/White/Black	HPPE (High performance polyethylene), UHMWPE (Ultra High Molecular Weight Polyethylene): Tsunooga™, Glass fibre, Polyester, Spandex and Elastic.	13	
	Binding	Light purple/ Green/ Cream/Light blue/Black	Polyester		

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Required PPE	Product Specification					
<b>Classification:</b> Gloves, Utility	<b>Hand Protection: Gloves – General Work (Light and Heavy Components, Small Bolts and Nuts,</b>					
<b>Type:</b> Safety, Wonder Grip, WG-787 Dexcut/Similar and/or Equivalent	<b><u>Dry Conditions, Low Volumes of Water, Oil, Grease &amp; Diesel)</u></b>					
  (Continue)    Cuff Length   Cuff Width	<u>Product Information (Continue)</u>					
	<u>Glove Constitution:</u>					
	<u>Dimensions (Minimum)</u>					
	Commercial Size	7/S	8/M	9/L	10/XL	11/XXL
	Hem Colour	Light purple	Green	Cream	Light blue	Black
	Overall length (mm)	240	255	264	275	285
	Middle Finger Length (mm)	75	78	82	88	95
	Cuff Width (mm)	70	70	75	75	80
Cuff Length (mm)	75	75	80	85	87	
Palm Width (mm)	90	95	97	103	107	
Thickness (µm)	1400	1400	1400	1400	1400	


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Required PPE	Product Specification
<p><b>Classification:</b> Gloves, Utility</p> <p><b>Type:</b> Safety, Wonder Grip, WG-787 Dexcute/Similar and/or Equivalent</p>  <p>(Continue)</p>	<p><b>Hand Protection: Gloves – General Work (Light and Heavy Components, Small Bolts and Nuts, Dry Conditions, Low Volumes of Water, Oil, Grease &amp; Diesel)</b></p> <p><u>Mechanical Rating (Minimum) – Protection and Resistance – 4X42D</u></p> <p>EN388: 2016</p> <p>Abrasion Resistance: 4</p> <p>Cut Resistance (Method EN ISO 13997): D</p> <p>Tear Resistance: 4</p> <p>Puncture Resistance: 2</p> <p>ANSI/ISEA 105-2016: Cut Resistance: A4 – Provides protection for medium cut hazards</p> <p><u>Performance Standards and Approvals, Norms &amp; Certifications</u></p> <p>Protective Gloves - General Requirements and test methods: EN 420:2003+A1:2009 - <u>Dexterity:</u> 5 [Levels of performance range from Level 1 (Lowest) to 5 (Highest)] – <u>CE Category II</u>: Intended to protect the user from injuries that are not classified like minimal nor very high (Guide) - Example: Glove for Mechanical Risks</p> <p>Oeko-Tex® Standard 100: One of the world's best-known labels for textile raw materials, intermediate and end products (at all stages of production) tested for harmful substances.</p> <p>EN388: 2016 Standard - Protective Gloves For Mechanical Risks</p> <p>EN407: 2020 Protective Gloves Against Thermal Risks</p> <p>ANSI/ISEA 105-2016 The American National Standard Institute (ANSI) – Cutting Standard</p> <p><u>Directive</u></p> <p>Protection scope: Personal Protective Equipment Regulation 2016/425</p>


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Required PPE	Product Specification
<p><b>Classification:</b> Gloves, Utility</p> <p><b>Type:</b> Safety, Wonder Grip, WG-787 Dexcut/Similar and/or Equivalent</p>  <p>(Continue)</p>	<p><b>Hand Protection: Gloves – General Work (Light and Heavy Components, Small Bolts and Nuts, Dry Conditions, Low Volumes of Water, Oil, Grease &amp; Diesel)</b></p> <p><u>Marking: Performance Standards and Approvals, Norms &amp; Certifications</u></p> <div style="display: flex; flex-wrap: wrap; justify-content: space-around; align-items: center;"> <div style="text-align: center;">  </div> <div style="text-align: center;"> <p>EN 407</p>  <p>X1XXXX</p> </div> <div style="text-align: center;">  </div> <div style="text-align: center;">  </div> <div style="text-align: center;">  </div> <div style="text-align: center;">  </div> <div style="text-align: center;">  </div> <div style="text-align: center;">  </div> <div style="text-align: center;">  </div> </div>


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Required PPE	Product Specification
<p><b><u>Classification:</u></b> Gloves, Utility</p> <p><b><u>Type:</u></b> Granberg, Protector 116.592/Similar and/or Equivalent</p> 	<p><b><u>Hand Protection</u></b></p> <p><b><u>Item:</u></b></p> <p><b>Gloves [General Work (Light and Heavy Components, Small Bolts and Nuts, Dry Conditions, Low Volumes of Water, Oil, Grease &amp; Diesel – Mainly Dry &amp; Precision Work {Sizes 6-12}, Small {6} and Big {12} Sizes)]</b></p> <p><u>Description (Including Special Features and Properties)</u></p> <p>This is a glove with 18-gauge (Super Thin) knitted Typhoon fibre liner and the palm is coated with sandy Nitrile foam coating. The high-performance Typhoon fibre offers an excellent cut-resistance (ISO 13997/EN388:2016 level D), good touch sensitivity, an outstanding flexibility and freedom of movement while leaving a feeling of freshness on the skin. Granberg Technology makes Granberg, Protector 116.592/Similar the perfect solution for excellent ergonomic performance and unrivalled grip in dry, slightly wet, or oily conditions. Glove fit: Tight, Comfortable fit. Dexterity (the ease at which a task can be performed easily using your hands) of 5. Reinforced thumb crotch provides extended use life. Breathable, ideal for Precision handling in oily conditions and Seamless. Protect for ≥15 seconds against contact heat of up to 100°C.</p> <p><u>PPE Category</u></p> <p>Hand Protection</p> <p><u>PPE Sub-Category</u></p> <p>General Work – Light&amp;Heavy Components, Dry&amp;Wet (Low Volumes) – Mainly Dry and Precision Work {Sizes 6-12}, Small {6} and Big {12} Sizes</p>

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Required PPE	Product Specification
<p><b>Classification:</b> Gloves, Utility</p> <p><b>Type:</b> Granberg, Protector 116.592/Similar and/or Equivalent</p>  <p>(Continue)</p>	<p><b><u>Gloves [General Work (Light and Heavy Components, Small Bolts and Nuts, Dry Conditions, Low Volumes of Water, Oil, Grease &amp; Diesel – Mainly Dry &amp; Precision Work {Sizes 6-12}, Small {6} and Big {12} Sizes)]</u></b></p> <p><u>Main Process</u></p> <p>Dry, Slightly Wet and Slightly Oily Conditions - Assembling, Carrying, Checking, Climbing, Closing, Dismantling, Examining, Maintenance, Hammering, Handling, Inspection, Lifting and Operating.</p> <p><u>Application</u></p> <p>Ideal for dry and precision work for example especially in Wagons (Workshop), Locomotive (Electrical), Wheels and PEMA (Plant, Equipment and Machine Maintenance), Handling small bolts and nuts, handling light components, handling heavy components, handling sharp objects, working in dry conditions, working with low volumes of water, oil, grease &amp; diesel, working where grip is required, assembly work with extremely high requirements to abrasion resistance, precision handling in oily conditions, exposure to mechanical hazards, suitable for exceptionally high demands for touch sensitivity (e.g. Touch Screen Devices), working in temperature up to 100 °C and where small and big hand sizes are required.</p> <p><u>Type of Protection</u></p> <p>Protection against <u>Cuts</u> by sharp materials.</p> <p>Resistant to contact heat up to 100 °C for ≥15 seconds.</p> <p><u>Product Information</u></p> <p><u>Material</u> - Liner (Support) - 18 Gauge (Dexterity) Typhoon fibre. Coating – Sandy <u>Nitrile</u> foam, palm fit. <u>Cuff Type</u> – Short Cuff</p>

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Required PPE	Product Specification																				
<p><b>Classification:</b> Gloves, Utility</p> <p><b>Type:</b> Granberg, Protector 116.592/Similar and/or Equivalent</p> <div></div> <p>(Continue)</p>	<p><b><u>Gloves [General Work (Light and Heavy Components, Small Bolts and Nuts, Dry Conditions, Low Volumes of Water, Oil, Grease &amp; Diesel – Mainly Dry &amp; Precision Work {Sizes 6-12}, Small {6} and Big {12} Sizes)]</u></b></p> <p><u>Product Information (Continue)</u></p> <p><u>Glove Constitution:</u></p> <table><tr><td></td><td>Colour</td><td>Material</td><td>Gauges</td></tr><tr><td>Palm (Coating)</td><td>Black</td><td>Nitrile</td><td></td></tr><tr><td>Palm (Liner)</td><td>Black/Grey</td><td>Typhoon fibre</td><td>18</td></tr><tr><td>Back (Liner)</td><td>Black/Grey</td><td>Typhoon fibre</td><td>18</td></tr><tr><td>Cuff (Liner)</td><td>Black/Grey/ Red</td><td>Typhoon fibre</td><td>18</td></tr></table>		Colour	Material	Gauges	Palm (Coating)	Black	Nitrile		Palm (Liner)	Black/Grey	Typhoon fibre	18	Back (Liner)	Black/Grey	Typhoon fibre	18	Cuff (Liner)	Black/Grey/ Red	Typhoon fibre	18
	Colour	Material	Gauges																		
Palm (Coating)	Black	Nitrile																			
Palm (Liner)	Black/Grey	Typhoon fibre	18																		
Back (Liner)	Black/Grey	Typhoon fibre	18																		
Cuff (Liner)	Black/Grey/ Red	Typhoon fibre	18																		

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Required PPE	Product Specification							
<b>Classification:</b> Gloves, Utility	<b>Gloves [General Work (Light and Heavy Components, Small Bolts and Nuts, Dry Conditions, Low</b>							
<b>Type:</b> Granberg, Protector	<b>Volumes of Water, Oil, Grease &amp; Diesel – Mainly Dry &amp; Precision Work {Sizes 6-12}, Small {6}</b>							
116.592/Similar and/or	<b>and Big {12} Sizes)]</b>							
Equivalent	<u>Product Information (Continue)</u>							
	<u>Glove Constitution:</u>							
(Continue)	<u>Dimensions (Minimum)</u>							
	Commercial Size	6/XS	7/S	8/M	9/L	10/XL	11/XXL	12/XXXL
Cuff Length	Hem Colour	Purple	Red	Orange	Green	Blue	Brown	Grey
Cuff Width	Overall length (mm)	225	235	245	255	265	275	285
	Middle Finger Length (mm)	72	80	82	89	93	95	97
	Cuff Width (mm)	70	70	70	75	75	80	85
	Cuff Length (mm)	75	75	75	80	85	87	90
	Palm Width (mm)	85	90	95	105	108	110	118
	Thickness (µm)	1.15-1.24	1.15-1.24	1.15-1.24	1.15-1.24	1.15-1.24	1.15-1.24	1.15-1.24


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Required PPE	Product Specification
<p><b>Classification:</b> Gloves, Utility</p> <p><b>Type:</b> Granberg, Protector 116.592/Similar and/or Equivalent</p>  <p>(Continue)</p>	<p><b>Gloves [General Work (Light and Heavy Components, Small Bolts and Nuts, Dry Conditions, Low Volumes of Water, Oil, Grease &amp; Diesel – Mainly Dry &amp; Precision Work {Sizes 6-12}, Small {6} and Big {12} Sizes)]</b></p> <p><u>Mechanical Rating (Minimum) – Protection and Resistance – <b>4X43D</b></u></p> <p>EN388: 2016</p> <p>Abrasion Resistance: 4</p> <p>Cut Resistance (Method EN ISO 13997): D</p> <p>Tear Resistance: 4</p> <p>Puncture Resistance: 3</p> <p>ANSI/ISEA 105-2016: Cut Resistance: A4 – Provides protection for medium cut hazards</p> <p><u>Performance Standards and Approvals, Norms &amp; Certifications</u></p> <p>Protective Gloves - General Requirements and test methods: EN 420:2003+A1:2009 - <u>Dexterity: 5</u> [Levels of performance range from Level 1 (Lowest) to 5 (Highest)] – <u>CE Category II</u>: Intended to protect the user from injuries that are not classified like minimal nor very high (Guide) - Example: Glove for Mechanical Risks</p> <p>Oeko-Tex® Standard 100: One of the world's best-known labels for textile raw materials, intermediate and end products (at all stages of production) tested for harmful substances.</p> <p>EN388: 2016 Standard - Protective Gloves For Mechanical Risks</p> <p>EN407: 2020 Protective Gloves Against Thermal Risks</p> <p>ANSI/ISEA 105-2016 The American National Standard Institute (ANSI) – Cutting Standard</p> <p><u>Directive</u></p> <p>Protection scope: Personal Protective Equipment Regulation 2016/425</p>


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Required PPE	Product Specification
<p><b>Classification:</b> Gloves, Utility</p> <p><b>Type:</b> Granberg, Protector 116.592/Similar and/or Equivalent</p>  <p>(Continue)</p>	<p><b>Gloves [General Work (Light and Heavy Components, Small Bolts and Nuts, Dry Conditions, Low Volumes of Water, Oil, Grease &amp; Diesel – Mainly Dry &amp; Precision Work {Sizes 6-12}, Small {6} and Big {12} Sizes)]</b></p> <p><b>Marking:</b> Performance Standards and Approvals, Norms &amp; Certifications</p> <div>     </div> <div>     </div>


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Required PPE	Product Specification
<p><b><u>Classification:</u></b> Gloves, Utility</p> <p><b><u>Type:</u></b> Granberg, Protector 116.0995/Similar and/or Equivalent</p> 	<p><b><u>Hand Protection</u></b></p> <p><b><u>Item:</u></b></p> <p><b>Gloves [General Work (Light and Heavy Components, Small Bolts and Nuts, Dry and Wet (Medium Volumes of Water, Coolant))]</b></p> <p><b><u>Description (Including Special Features and Properties)</u></b></p> <p>This is a glove with 13-gauge (Thickness) knitted Typhoon fibre liner and the palm is coated with Polyurethane (PU) micro foam coating. The high-performance Typhoon fibre offers an excellent cut-resistance (ISO 13997/EN388:2016 level D), good touch sensitivity, water/coolant-repellent, an outstanding flexibility and freedom of movement while leaving a feeling of freshness on the skin. Granberg Technology makes Granberg, Protector 116.0995/Similar the perfect solution for excellent ergonomic performance and unrivalled grip in dry, medium wet, or oily conditions. Glove fit: Tight, Comfortable fit. Dexterity (the ease at which a task can be performed easily using your hands) of 5. Reinforced thumb crotch provides extended use life. Breathable, ideal for Precision handling in oily conditions and Seamless.</p> <p><b><u>PPE Category</u></b></p> <p>Hand Protection</p> <p><b><u>PPE Sub-Category</u></b></p> <p>General Work – Light &amp; Heavy Components, Dry &amp; Wet (Medium Volumes, Coolant)</p>



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Required PPE	Product Specification
<p><b>Classification:</b> Gloves, Utility</p> <p><b>Type:</b> Granberg, Protector 116.0995/Similar and/or Equivalent</p>  <p>(Continue)</p>	<p><b><u>Gloves [General Work (Light and Heavy Components, Small Bolts and Nuts, Dry and Wet (Medium Volumes of Water, Coolant))]</u></b></p> <p><u>Main Process</u></p> <p>Dry and Medium Wet Conditions - Drilling of Subframes [Rolling Stock Equipment (RSE)].</p> <p><u>Application</u></p> <p>Handling Small Bolts and Nuts, Handling Light Components, Handling Heavy Components, Handling Sharp Objects, Working in Dry Conditions, Ideal for working with medium volumes of Water &amp; Coolant especially in RSE. Working where grip is required. Exposure to Mechanical Hazards. Suitable for exceptionally high demands for touch sensitivity (e.g. Touch Screen Devices).</p> <p><u>Type of Protection</u></p> <p>Protection against <u>Cuts</u> by sharp materials.</p> <p>Protection against infiltrating of <u>Medium Volumes of Water and Coolant</u>.</p> <p>Protection against components <u>Slipping</u> out of hands when wet.</p> <p><u>Product Information</u></p> <p><u>Material</u> - Liner (Support) - 13 Gauge (Dexterity) Typhoon fibre. Coating – Polyurethane micro foam, palm fit. <u>Cuff Type</u> – Short Cuff</p>


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Required PPE	Product Specification																							
<p><b>Classification:</b> Gloves, Utility</p> <p><b>Type:</b> Granberg, Protector 116.0995/Similar and/or Equivalent</p> <div></div> <p>(Continue)</p>	<p><b>Gloves [General Work (Light and Heavy Components, Small Bolts and Nuts, Dry and Wet (Medium Volumes of Water, Coolant))]</b></p> <p><u>Product Information (Continue)</u></p> <p><u>Glove Constitution:</u></p> <table><tr><td></td><td>Colour</td><td>Material</td><td>Gauges</td></tr><tr><td>Palm (Coating)</td><td>Black</td><td>Polyurethane</td><td></td></tr><tr><td>Palm (Liner)</td><td>Black/Grey</td><td>Typhoon fibre</td><td>13</td></tr><tr><td>Back (Liner)</td><td>Black/Grey</td><td>Typhoon fibre</td><td>13</td></tr><tr><td>Cuff (Liner)</td><td>Black/Grey</td><td>Typhoon fibre</td><td>13</td></tr></table>					Colour	Material	Gauges	Palm (Coating)	Black	Polyurethane		Palm (Liner)	Black/Grey	Typhoon fibre	13	Back (Liner)	Black/Grey	Typhoon fibre	13	Cuff (Liner)	Black/Grey	Typhoon fibre	13
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Required PPE	Product Specification																																																								
<p><b>Classification:</b> Gloves, Utility</p> <p><b>Type:</b> Granberg, Protector 116.0995/Similar and/or Equivalent</p>  <p>(Continue)</p>  <p>Cuff Length</p> <p>Cuff Width</p>	<p><b>Gloves [General Work (Light and Heavy Components, Small Bolts and Nuts, Dry and Wet (Medium Volumes of Water, Coolant))]</b></p> <p><u>Product Information (Continue)</u></p> <p><u>Glove Constitution:</u></p> <p><u>Dimensions (Minimum)</u></p> <table><tr><td>Commercial Size</td><td>7/S</td><td>8/M</td><td>9/L</td><td>10/XL</td><td>11/XXL</td><td>12/XXXL</td></tr><tr><td>Hem Colour</td><td>Red</td><td>Orange</td><td>Green</td><td>Blue</td><td>Brown</td><td>Grey</td></tr><tr><td>Overall length (mm)</td><td>235</td><td>240</td><td>255</td><td>265</td><td>275</td><td>280</td></tr><tr><td>Middle Finger Length (mm)</td><td>73</td><td>80</td><td>87</td><td>90</td><td>92</td><td>95</td></tr><tr><td>Cuff Width (mm)</td><td>70</td><td>80</td><td>80</td><td>85</td><td>85</td><td>85</td></tr><tr><td>Cuff Length (mm)</td><td>77</td><td>80</td><td>80</td><td>85</td><td>85</td><td>90</td></tr><tr><td>Palm Width (mm)</td><td>90</td><td>95</td><td>100</td><td>110</td><td>113</td><td>115</td></tr><tr><td>Thickness (µm)</td><td>1.15-1.25</td><td>1.15-1.25</td><td>1.15-1.25</td><td>1.15-1.25</td><td>1.15-1.25</td><td>1.15-1.25</td></tr></table>	Commercial Size	7/S	8/M	9/L	10/XL	11/XXL	12/XXXL	Hem Colour	Red	Orange	Green	Blue	Brown	Grey	Overall length (mm)	235	240	255	265	275	280	Middle Finger Length (mm)	73	80	87	90	92	95	Cuff Width (mm)	70	80	80	85	85	85	Cuff Length (mm)	77	80	80	85	85	90	Palm Width (mm)	90	95	100	110	113	115	Thickness (µm)	1.15-1.25	1.15-1.25	1.15-1.25	1.15-1.25	1.15-1.25	1.15-1.25
Commercial Size	7/S	8/M	9/L	10/XL	11/XXL	12/XXXL																																																			
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Required PPE	Product Specification
<p><b>Classification:</b> Gloves, Utility</p> <p><b>Type:</b> Granberg, Protector 116.0995/Similar and/or Equivalent</p>  <p>(Continue)</p>	<p><b><u>Gloves [General Work (Light and Heavy Components, Small Bolts and Nuts, Dry and Wet (Medium Volumes of Water, Coolant))]</u></b></p> <p><u>Mechanical Rating (Minimum) – Protection and Resistance – <b>4X42D</b></u></p> <p>EN388: 2016</p> <p>Abrasion Resistance: 4</p> <p>Cut Resistance (Method EN ISO 13997): D</p> <p>Tear Resistance: 4</p> <p>Puncture Resistance: 2</p> <p>ANSI/ISEA 105-2016: Cut Resistance: A4 – Provides protection for medium cut hazards</p> <p><u>Performance Standards and Approvals, Norms &amp; Certifications</u></p> <p>Protective Gloves - General Requirements and test methods: EN 420:2003+A1:2009 - <u>Dexterity: 5</u> [Levels of performance range from Level 1 (Lowest) to 5 (Highest)] – <u>CE Category II</u>: Intended to protect the user from injuries that are not classified like minimal nor very high (Guide) - Example: Glove for Mechanical Risks Oeko-Tex® Standard 100: One of the world's best-known labels for textile raw materials, intermediate and end products (at all stages of production) tested for harmful substances.</p> <p>EN388: 2016 Standard - Protective Gloves For Mechanical Risks</p> <p>ANSI/ISEA 105-2016 The American National Standard Institute (ANSI) – Cutting Standard</p> <p><u>Directive</u></p> <p>Protection scope: Personal Protective Equipment Regulation 2016/425</p>

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Required PPE	Product Specification
<p><b>Classification:</b> Gloves, Utility</p> <p><b>Type:</b> Granberg, Protector 116.0995/Similar and/or Equivalent</p>  <p>(Continue)</p>	<p><b>Gloves [General Work (Light and Heavy Components, Small Bolts and Nuts, Dry and Wet (Medium Volumes of Water, Coolant))]</b></p> <p>Marking: Performance Standards and Approvals, Norms &amp; Certifications</p> <div>        </div>


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Required PPE	Product Specification
<p><b><u>Classification:</u></b> Gloves, Utility</p> <p><b><u>Type:</u></b> Granberg, Cut Level D Impact Hi-Viz™ Protective Gloves 115.9001/Similar and/or Equivalent</p> 	<p><b><u>Hand Protection</u></b></p> <p><b><u>Item:</u></b></p> <p><b>Gloves [Extreme Work (Breakdown, Shunting &amp; Heavy Maintenance)]</b></p> <p><b><u>Description (Including Special Features and Properties)</u></b></p> <p>The glove with Typhoon fibre liner. Durable KR-Grip™ material insert in the palm is designed to assist with grip even when the gloves is full of oil. This prevents tools from slipping out the hands. G-Tech insert in palm and finger. Powerful cut resistant insert in palm and cuff. The high-performance Typhoon fibre offers an excellent cut-resistance (ISO 13997/EN388:2016 level D), good touch sensitivity, an outstanding flexibility and freedom of movement while leaving a feeling of freshness on the skin. Comfortable fit. Dexterity (the ease at which a task can be performed easily using your hands) of 4. Reinforced thumb crotch provides extended use life. Breathable, ideal for Precision handling in oily conditions and Seamless. Powerful but soft impact protection on back of hand. High visibility colours for increased safety. Neoprene cuff provides comfort and wrist protection. Excellent breathability. Machine washable. Drip dry.</p> <p><b><u>PPE Category</u></b></p> <p>Hand Protection</p> <p><b><u>PPE Sub-Category</u></b></p> <p>Extreme Work – Breakdown, Shunting &amp; Heavy Maintenance</p>



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Required PPE	Product Specification
<p><b>Classification:</b> Gloves, Utility</p> <p><b>Type:</b> Granberg, Cut Level D Impact Hi-Viz™ Protective Gloves 115.9001/Similar and/or Equivalent</p>  <p>(Continue)</p>	<p><b>Gloves [Extreme Work (Breakdown, Shunting &amp; Heavy Maintenance)]</b></p> <p><u>Main Process</u></p> <p>Extreme Working Conditions – <u>Breakdown</u> (Re-railing, Packing, Lifting, Operating, Pulling, Cutting, Carrying, Controlling, Checking, Climbing, Closing, Hammering, Handling, Inspection), <u>Shunting</u> [Workshop and Yards (In-Service)] (Shunting wagons in and out the workshop &amp; in Yards) &amp; <u>Heavy Maintenance</u> (Assembling, Carrying, Checking, Climbing, Closing, Dismantling, Examining, Maintenance, Hammering, Handling, Inspection, Lifting, Operating).</p> <p><u>Application</u></p> <p>Ideal for extreme work where protection against cuts, impact protection, proper grip and work with extremely high requirements to abrasion resistance is essential, for example <u>Breakdown</u> (Re-railing of Locomotives and Wagons, Building/Packing a platform with slightly oiled wooden blocks for jack, Lifting Locomotives and Wagons with Jack, Pulling of Bull-Dozer winch cables, Carrying Wooden Blocks &amp; Jacks, Controlling stands for Jacks (Spider), Handling Hand Tools), <u>Shunting</u> [Workshop and Yards (In-Service)] (Turning/tightening Hand Brake, Open Knuckle, Coupling/Uncoupling) and <u>Heavy Maintenance</u> (Locomotives - Removing and assembling bogie, removing of motor and gear case).</p> <p><u>Type of Protection</u></p> <p>Protection against <u>Cuts</u> by sharp materials.</p> <p><u>Impact Protection.</u></p> <p>Prevent <u>Slipping</u> – Provides Grip.</p> <p><u>Product Information</u></p> <p><u>Material</u> - Liner (Support) - Typhoon fibre. Coating – KR-Grip™, Spandex® and Neoprene. <u>Cuff Type</u> – Short Cuff</p>


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Required PPE	Product Specification																		
<p><b>Classification:</b> Gloves, Utility</p> <p><b>Type:</b> Granberg, Cut Level D Impact Hi-Viz™ Protective Gloves 115.9001/Similar and/or Equivalent</p>  <p>(Continue)</p>	<p><b>Gloves [Extreme Work (Breakdown, Shunting &amp; Heavy Maintenance)]</b></p> <p><u>Product Information (Continue)</u></p> <p><u>Glove Constitution:</u></p> <table><tr><td></td><td>Colour</td><td>Material</td></tr><tr><td>Palm (Coating)</td><td>Black/Green</td><td>KR-Grip™</td></tr><tr><td>Palm (Liner)</td><td>Black/Green</td><td>Typhoon fibre</td></tr><tr><td>Back (Coating)</td><td>Black/Green/Yellow</td><td>Spandex®</td></tr><tr><td>Cuff (Liner)</td><td>Black/Green</td><td>Typhoon fibre</td></tr><tr><td>Cuff (Coating)</td><td>Black/Yellow</td><td>Neoprene</td></tr></table>		Colour	Material	Palm (Coating)	Black/Green	KR-Grip™	Palm (Liner)	Black/Green	Typhoon fibre	Back (Coating)	Black/Green/Yellow	Spandex®	Cuff (Liner)	Black/Green	Typhoon fibre	Cuff (Coating)	Black/Yellow	Neoprene
	Colour	Material																	
Palm (Coating)	Black/Green	KR-Grip™																	
Palm (Liner)	Black/Green	Typhoon fibre																	
Back (Coating)	Black/Green/Yellow	Spandex®																	
Cuff (Liner)	Black/Green	Typhoon fibre																	
Cuff (Coating)	Black/Yellow	Neoprene																	

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Required PPE	Product Specification																																			
<p><b>Classification:</b> Gloves, Utility</p> <p><b>Type:</b> Granberg, Cut Level D Impact Hi-Viz™ Protective Gloves 115.9001/Similar and/or Equivalent</p> <div></div> <p>(Continue)</p> <div><div></div><div>Cuff Length</div><div>Cuff Width</div></div>	<p><b>Gloves [Extreme Work (Breakdown, Shunting &amp; Heavy Maintenance)]</b></p> <p><u>Product Information (Continue)</u></p> <p><u>Glove Constitution:</u></p> <p><u>Dimensions (Minimum) [±3mm]</u></p> <table><tr><td>Commercial Size</td><td>7/S</td><td>8/M</td><td>9/L</td><td>10/XL</td><td>11/XXL</td><td>12/XXXL</td></tr><tr><td>Overall length (mm)</td><td>255</td><td>260</td><td>265</td><td>275</td><td>280</td><td>285</td></tr><tr><td>Cuff Width (mm)</td><td>100</td><td>105</td><td>107</td><td>110</td><td>120</td><td>125</td></tr><tr><td>Cuff Length (mm)</td><td>55</td><td>55</td><td>55</td><td>60</td><td>60</td><td>60</td></tr><tr><td>Palm Width (mm)</td><td>105</td><td>110</td><td>115</td><td>120</td><td>125</td><td>130</td></tr></table>	Commercial Size	7/S	8/M	9/L	10/XL	11/XXL	12/XXXL	Overall length (mm)	255	260	265	275	280	285	Cuff Width (mm)	100	105	107	110	120	125	Cuff Length (mm)	55	55	55	60	60	60	Palm Width (mm)	105	110	115	120	125	130
Commercial Size	7/S	8/M	9/L	10/XL	11/XXL	12/XXXL																														
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Required PPE	Product Specification
<p><b>Classification:</b> Gloves, Utility</p> <p><b>Type:</b> Granberg, Cut Level D Impact Hi-Viz™ Protective Gloves 115.9001/Similar and/or Equivalent</p>  <p>(Continue)</p>	<p><b><u>Gloves [Extreme Work (Breakdown, Shunting &amp; Heavy Maintenance)]</u></b></p> <p><b><u>Mechanical Rating (Minimum) – Protection and Resistance – 4X43DP</u></b></p> <p>EN388: 2016</p> <p>Abrasion Resistance: 4</p> <p>Cut Resistance (Method EN ISO 13997): D</p> <p>Tear Resistance: 4</p> <p>Puncture Resistance: 3</p> <p>Impact Protection: P</p> <p>ANSI/ISEA 105-2016: Cut Resistance: A4 – Provides protection for medium cut hazards</p> <p><b><u>Performance Standards and Approvals, Norms &amp; Certifications</u></b></p> <p>Protective Gloves - General Requirements and test methods: EN 420:2003+A1:2009 - <u>Dexterity</u>: 4 [Levels of performance range from Level 1 (Lowest) to 5 (Highest)] – <u>CE Category II</u>: Intended to protect the user from injuries that are not classified like minimal nor very high (Guide) - Example: Glove for Mechanical Risks</p> <p>EN388: 2016 Standard - Protective Gloves For Mechanical Risks</p> <p>ANSI/ISEA 105-2016 The American National Standard Institute (ANSI) – Cutting Standard</p> <p><b><u>Directive</u></b></p> <p>Protection scope: Personal Protective Equipment Regulation 2016/425</p>

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Required PPE	Product Specification
<p><b>Classification:</b> Gloves, Utility</p> <p><b>Type:</b> Granberg, Cut Level D Impact Hi-Viz™ Protective Gloves 115.9001/Similar and/or Equivalent</p>  <p>(Continue)</p>	<p><b>Gloves [Extreme Work (Breakdown, Shunting &amp; Heavy Maintenance)]</b></p> <p><u>Marking: Performance Standards and Approvals, Norms &amp; Certifications</u></p> <div> <p>EN 388:2016</p>  <p>4X43DP</p> </div> <div>  </div> <div>  </div> <div>  </div> <div>  </div> <div>  </div>

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Required PPE	Product Specification
<p><b><u>Classification:</u></b> Gloves, Extreme Oily</p> <p><b><u>Type:</u></b> Granberg, 114.4279 /Similar and/or Equivalent Assembly Gloves, Full Nitrile Microfoam Coating Unlined, Extreme Oily</p> 	<p><b><u>Body Protection</u></b></p> <p><b><u>Item:</u></b></p> <p><b>Gloves (Extreme Oily)</b></p> <p><u>PPE Category</u> Hand Protection</p> <p><u>PPE Sub-Category</u> Extreme Oily</p> <p><u>Performance Standards and Approvals, Norms &amp; Certifications</u></p> <p>EN 420 Standard – Protective gloves - General requirements and test methods</p> <p>EN 388 – Protective Gloves For Mechanical Risks</p> <p>EN 407 - Protective gloves and other hand protective equipments against thermal risks (heat and/or fire)</p> <p>CE Cat.II protection - Intermediate Design – Gloves designated for specific risk applications, where there is a risk of injury and are type tested against European test standards by a notified body.</p> <p><u>Directive</u></p> <p>Protection scope: Personal Protective Equipment Regulation 2016/425</p>

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Required PPE	Product Specification
<p><b><u>Classification:</u></b> Gloves, Welding</p> <p><b><u>Type:</u></b> Leather Welding Glove, 8-inch cuff</p> 	<p><b><u>Hand Protection</u></b></p> <p><b><u>Item:</u></b></p> <p><b>Gloves (Welding – 8-inch)</b></p> <p><u>PPE Category</u></p> <p>Hand Protection</p> <p><u>PPE Sub-Category</u></p> <p>Welding</p> <p><u>Performance Standards and Approvals, Norms &amp; Certifications</u></p> <p>EN 407 Standard – Protective Gloves against thermal risks (Heat and/or fire)</p> <p>EN 12477 Standard - Protective Gloves For Welders</p> <p>EN 388 Standard – Protective Gloves For Mechanical Risks</p> <p>EN 420 Standard – General Requirements For Protective Gloves</p> <p>Approved with directive 89/686/EEC,</p> <p><u>Directive</u></p> <p>Protection scope: Personal Protective Equipment Regulation 2016/425</p>


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Required PPE	Product Specification
<p><b><u>Classification:</u></b> Gloves, Welding</p> <p><b><u>Type:</u></b> Leather Welding Glove, 16-inch cuff</p> 	<p><b><u>Hand Protection</u></b></p> <p><b><u>Item:</u></b></p> <p><b>Gloves (Welding – 16-inch)</b></p> <p><u>PPE Category</u></p> <p>Hand Protection</p> <p><u>PPE Sub-Category</u></p> <p>Welding</p> <p><u>Performance Standards and Approvals, Norms &amp; Certifications</u></p> <p>EN 407 Standard – Protective Gloves against thermal risks (Heat and/or fire)</p> <p>EN 12477 Standard - Protective Gloves For Welders</p> <p>EN 388 Standard – Protective Gloves For Mechanical Risks</p> <p>EN 420 Standard – General Requirements For Protective Gloves</p> <p>Approved with directive 89/686/EEC,</p> <p><u>Directive</u></p> <p>Protection scope: Personal Protective Equipment Regulation 2016/425</p>

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Required PPE	Product Specification
<p><b><u>Classification:</u></b> Gloves, Chemical</p> <p><b><u>Type:</u></b> Granberg, Chemstar 114.1000/Similar and/or Equivalent, Nitrile Chemical Resistant Gloves, 33cm length, 0.38mm thick, Chemical</p> 	<p><b><u>Body Protection</u></b></p> <p><b><u>Item:</u></b></p> <p><b>Gloves (Chemical)</b></p> <p><u>PPE Category</u></p> <p>Hand Protection</p> <p><u>PPE Sub-Category</u></p> <p>Chemical</p> <p><u>Performance Standards and Approvals, Norms &amp; Certifications</u></p> <p>EN 420 Standard – Protective gloves - General requirements and test methods</p> <p>EN 1186 Standard – Materials and articles in contact with foodstuffs</p> <p>EN 388 – Protective Gloves For Mechanical Risks</p> <p>CE Cat.III protection - Includes exclusively the risks that may cause very serious consequences such as death or irreversible damage to health</p> <p><u>Directive</u></p> <p>Protection scope: Personal Protective Equipment Regulation 2016/425</p>

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Required PPE	Product Specification
<p><b><u>Classification:</u></b> Gloves, Chemical &amp; Sandblast</p> <p><b><u>Type:</u></b> Granberg, Chemstar 114.1046/Similar and/or Equivalent, Nitrile Chemical Resistant Gloves, 46cm length, 0.55mm thick, Chemical &amp; Sandblast</p> 	<p><b><u>Body Protection</u></b></p> <p><b><u>Item:</u></b></p> <p><b>Gloves (Chemical &amp; Sandblast)</b></p> <p><u>PPE Category</u></p> <p>Hand Protection</p> <p><u>PPE Sub-Category</u></p> <p>Chemical &amp; Sandblast</p> <p><u>Performance Standards and Approvals, Norms &amp; Certifications</u></p> <p>EN 420 Standard – Protective gloves - General requirements and test methods</p> <p>EN 1186 Standard – Materials and articles in contact with foodstuffs</p> <p>EN 388 – Protective Gloves For Mechanical Risks</p> <p>CE Cat.III protection - Includes exclusively the risks that may cause very serious consequences such as death or irreversible damage to health</p> <p><u>Directive</u></p> <p>Protection scope: Personal Protective Equipment Regulation 2016/425</p>


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## Fall Protection


Required PPE	Product Specification
<p><b><u>Classification:</u></b> Harness, Safety</p> <p><b><u>Type:</u></b> Fall Arrest Equipment, V-form Safety Harness, Back/Chest D-Ring, Qwik-Fit Leg Buckles, Latchways Mini Retractable Lanyard, Latchways Mini PFL, 1.8m, twin-leg with 36C snaphooks</p> 	<p><b><u>Fall Protection</u></b></p> <p><b><u>Item:</u></b></p> <p><b>Fall Arrest Equipment and Harness</b></p> <p><u>PPE Category</u></p> <p>Fall Protection</p> <p><u>PPE Sub-Category</u></p> <p>Fall Arrest Equipment &amp; Full Body Harness</p> <p><u>Performance Standards and Approvals, Norms &amp; Certifications</u></p> <p>EN 355, EN 361, EN 365</p> <p><u>Directive</u></p> <p>Protection scope: Personal Protective Equipment Regulation 2016/425</p>

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### Category 3 - Safety Footwear

Required PPE	Product Specification
<p><b>Classification:</b> Boots, Safety</p> <p><b>Type:</b> BOVA Trax Hiker 2.0 21013 &amp; 20013/Similar and/or Equivalent</p> 	<p><b>Foot Protection</b></p> <p><b>Item:</b></p> <p><b>Safety Boots (General Work)</b></p> <p><u>Description (Including <b>Special Features</b> and Properties)</u></p> <p>The Safety Boot is Ergonomically designed and approved by a Podiatrist. With full grain leather Upper, Extra wide steel toe cap (South Africans tend to have wider feet on average), Dual density PU (Polyurethane) sole, Slip resistant, Padded collar, Anti-static, Water, Oil &amp; Acid resistant, SANS 20345 approved and TELMO approved (meets the requirements for ethical footwear that supports foot health, function, not only the safety features, integrate anatomy, physiology and foot functional needs to footwear manufacture). <b>Fastening Method:</b> Lace-up. The footwear must have an inbuilt cushioning in the midsole (not just the innersole). The Trifactor of Comfort – Three custom-engineered layers that work together to absorb shock, reduce fatigue, and improve overall comfort: <b>1.</b> Dual Density Polyurethane (PU) Sole with EVA Insert &amp; Shank reinforcement: Improved shock absorbency and torsion controls. <b>2.</b> Insole with Poron Inserts: Excellent impact and vibration absorbency. <b>3.</b> Hybrid Top Sock: The EVA base moulds itself to the foot for increased comfort and support. PORON inserts at the ball and heel areas support the foot where it matters most, ensuring dynamic impact compression and a gentle rebound with every step. Polyester and wool constructed upper, treated with Ultra-Fresh technology that absorbs perspiration and improves foot health. Footwear Size 3-13 and Size 2 &amp; 14-16 “as and when required”. <b>Gender:</b> Male &amp; Female.</p> <p><u>PPE Category</u> Foot Protection</p> <p><u>PPE Sub-Category</u> General Work</p>

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Required PPE	Product Specification
<p>BOVA Trax Hiker 2.0 21013 &amp; 20013/Similar and/or Equivalent</p>  <p>(Continue)</p>	<p><b><u>Foot Protection: Safety Boots – General Work</u></b></p> <p><u>Main Process</u></p> <p>Assembling, Carrying, Checking, Climbing, Closing, Dismantling, Examining, Maintenance, Hammering, Handling, Inspection, Lifting, Operating, Re-railing, Stacking &amp; Storage and Walking Activities.</p> <p><u>Application</u></p> <p>Walking and working in warehouses, workshops and yards, climbing stairs, doing maintenance, assembling &amp; dismantling, working underneath wagons and locomotives, working in awkward positions, handling of components, where extra wide fitting is required, temperature up to 95 °c, harsh conditions, dry, wet, slippery and oily conditions, where sole flexibility and grip is required and working with flammable substances e.g., oil, gas, diesel where anti-static properties is required.</p> <p><u>Type of Protection</u></p> <p>Protection against <u>Slipping, Tripping and Falling</u> because of slippery, wet and uneven surface.</p> <p>Reduce <u>Fatigue</u>.</p> <p>Reduce Health Hazards e.g., microbial, bacterial and fungal.</p> <p>Protection against Mechanical Hazards e.g., falling, flying, rolling &amp; sharp objects and sharp piercing edges.</p> <p>Protection against Electrostatic Hazards.</p> <p>Resistant to Heat up to 95 °C.</p>

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Required PPE	Product Specification
<p>BOVA Trax Hiker 2.0 21013 &amp; 20013/Similar and/or Equivalent</p>  <p>(Continue)</p>	<p><b><u>Foot Protection: Safety Boots – General Work</u></b></p> <p><u>Product Information</u></p> <p><b>Footwear Size:</b> 3-13 and Size 2 &amp; 14-16 “as and when required”. <b>Colour:</b> Black</p> <p><b><u>Material</u></b></p> <p>Upper:</p> <ul style="list-style-type: none"> <li>• Cut from 2.0mm – 2.2mm <b>full grain leather</b> with microfiber tongue and collar</li> <li>• The padded bellows tongue improves comfort and prevents debris entering the boot</li> <li>• The padded collar is from a non-woven microfibre material fabric for enhanced breathability and laminated to an open cell foam for improved comfort</li> <li>• 5 pair corrosion resistant eyelet lace-up with 2 pair Ski hooks</li> <li>• Braided dual colour lace from polyester yarn with a central core for additional strength</li> </ul> <p>Lining:</p> <ul style="list-style-type: none"> <li>• The tongue and quarter lining are from an industrial Ferabelle non-woven material laminated to an open cell foam for improved comfort</li> <li>• The vamp lining is from a hi-tech needle-fibre blend with excellent perspiration absorbency and treated with Ultra-Fresh* to impart hygienic and anti-bacterial properties to the material.</li> </ul>

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Required PPE	Product Specification
<p>BOVA Trax Hiker 2.0 21013 &amp; 20013/Similar and/or Equivalent</p>  <p>(Continue)</p>	<p><b><u>Foot Protection: Safety Boots – General Work</u></b></p> <p><u>Product Information (Continue)</u></p> <p>In-Sock &amp; Top-Sock:</p> <ul style="list-style-type: none"> <li>• The in-sock is from an anti-static non-woven material that is bonded to a layer of EVA and contains Poron Inserts at the heel and ball of the foot for enhanced comfort and support</li> <li>• The Poron/EVA top sock is from a combination of polyester and wool, with excellent perspiration absorbency and bonded to a layer of EVA, with Poron inserts at the ball and heel of the top sock</li> <li>• The Poron inserts at the ball and heel of the top sock offer optimum support where it is needed most, ensuring dynamic impact compression and a gentle rebound with every step</li> <li>• The top sock responds to weight and temperature, moulding itself to the foot, resulting in fewer aches and pains</li> <li>• The top sock has been treated with Ultra-Fresh* to impart hygienic and anti-bacterial properties to the material</li> </ul> <p><b>Sole:</b></p> <ul style="list-style-type: none"> <li>• The sole is from <b>Dual Density PU (Polyurethane)</b>/PU with a SRC slip resistance rating</li> <li>• The midsole is from a low-density flexible Polyurethane with a shore hardness of 0,45 – 0,5</li> <li>• The outer sole is from Polyurethane with a shore hardness of 0,64-0,65</li> <li>• The shoe is engineered with an EVA insert at the heel for added comfort and shock absorbency</li> <li>• A shank reinforcement is moulded into the midsole for additional arch support</li> <li>• The shoe must withstand temperatures up to 95°C</li> <li>• The shoe must be anti-static</li> </ul> <p><b>Toe Type:</b></p> <ul style="list-style-type: none"> <li>• Steel Cap – extra-wide fitting</li> <li>• Can withstand an impact load of 200 joules</li> </ul>


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Required PPE	Product Specification
<p>BOVA Trax Hiker 2.0 21013 &amp; 20013/Similar and/or Equivalent</p>  <p>(Continue)</p>	<p><b><u>Foot Protection: Safety Boots – General Work</u></b></p> <p><u>Mechanical Rating – Slip Resistance</u></p> <p>EN 13287: 2019</p> <p>Slip Resistance: SRC</p> <p><u>Performance Standards and Approvals, Norms &amp; Certifications</u></p> <p>SANS 20345: 2021 Standard - Personal Protective Equipment – Safety Footwear</p> <p>EN 13287: 2019 Standard - Personal Protective Equipment – Safety Footwear - Test Method for slip resistance</p> <p><u>Directive</u></p> <p>Protection scope: Personal Protective Equipment Regulation 2016/425</p> <p><u>Morphological Standard</u></p> <p>Telmo Standard</p>


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Required PPE	Product Specification
<p>BOVA Trax Hiker 2.0 21013 &amp; 20013/Similar and/or Equivalent</p>  <p>(Continue)</p>	<p><b><u>Foot Protection: Safety Boots – General Work</u></b></p> <p><b><u>Marking: Performance Standards and Approvals, Norms &amp; Certifications</u></b></p> <div>       </div>


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Required PPE	Product Specification
<p><b><u>Classification:</u></b> Gumboot, Safety</p> <p><b><u>Type:</u></b> Shosholoza, Steel Toe Cap, Slip Resistant Sole, Knee-length, ZBBSR/Similar and/or Equivalent</p> 	<p><b><u>Foot Protection</u></b></p> <p><b><u>Item:</u></b></p> <p><b>Safety Gumboot (Wet and Oily Conditions)</b></p> <p><b><u>Description (Including <b>Special Features</b> and Properties)</u></b></p> <p>The Safety Gumboot is a heavy-duty PVC gumboot with steel toe protection. Offering a hard wearing and slip resistant sole. Locally manufactured in South Arica. Footwear Size 4-14 and Sizes smaller than size 4 &amp; bigger than size 14 “as and when required”. Gender: Male &amp; Female.</p> <p><b><u>PPE Category</u></b></p> <p>Foot Protection</p> <p><b><u>PPE Sub-Category</u></b></p> <p>Wet and Oily Conditions</p>



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Required PPE	Product Specification
<p><b><u>Classification:</u></b> Gumboot, Safety</p> <p><b><u>Type:</u></b> Shosholoza, Steel Toe Cap, Slip Resistant Sole, Knee-length, ZBBSR/Similar and/or Equivalent</p>  <p>(Continue)</p>	<p><b><u>Foot Protection: Gumboot – Wet and Oily Conditions</u></b></p> <p><u>Main Process</u></p> <p>Assembling, Carrying, Checking, Climbing, Closing, Dismantling, Examining, Maintenance, Hammering, Handling, Inspection, Lifting, Operating, Re-railing, Stacking &amp; Storage and Walking Activities.</p> <p><u>Application</u></p> <p>Uneven, slippery &amp; oily, extreme wet weather conditions, harsh conditions, walking and working in workshops and yards, doing maintenance, assembling &amp; dismantling, working underneath wagons and locomotives, working in awkward positions, handling of components.</p> <p><u>Type of Protection</u></p> <p>Protection against <u>Slipping, Tripping and Falling</u> due to e.g., slippery, wet, oily and uneven surface.</p> <p>Protect from <u>wet conditions</u> - Water resistant.</p>


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Required PPE	Product Specification
<p><b><u>Classification:</u></b> Gumboot, Safety</p> <p><b><u>Type:</u></b> Shosholoza, Steel Toe Cap, Slip Resistant Sole, Knee-length, ZBBSR/Similar and/or Equivalent</p>  <p>(Continue)</p>	<p><b><u>Foot Protection:</u></b> Gumboot – Wet and Oily Conditions</p> <p><u>Product Information</u></p> <p><b>Size:</b> Footwear Size 4-14 and Sizes smaller than size 4 &amp; bigger than size 14 “as and when required”.</p> <p><b>Colour:</b> Black</p> <p><b><u>Material</u></b> Reach Compliant Polyvinyl Chloride – PVC</p> <p>Composition:</p> <ul style="list-style-type: none"> <li>○ Safety steel toe: Epoxy coated steel – complies with EN 12568.</li> </ul>

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Required PPE	Product Specification
<p><b><u>Classification:</u></b> Gumboot, Safety</p> <p><b><u>Type:</u></b> Shosholoza, Steel Toe Cap, Slip Resistant Sole, Knee-length, ZBBSR/Similar and/or Equivalent</p>  <p>(Continue)</p>	<p><b><u>Foot Protection: Gumboot – Wet and Oily Conditions</u></b></p> <p><u>Mechanical Rating – Slip Resistance</u></p> <p><u>EN 12568</u> Safety Basic: SB - Basic safety standard for footwear (toe protection against a 200-joule impact S1 = as well as the basic toe protection, S1 will ensure that footwear has anti-static protection, is resistant to fuel oil and has energy absorption in the heel)</p> <p><u>EN 13287: 2019</u> Slip Resistance: SRA</p> <p><u>Performance Standards and Approvals, Norms &amp; Certifications</u></p> <p>SANS 20345: 2021 Standard - Personal Protective Equipment – Safety Footwear</p> <p>EN 12568 Standard - Foot and leg protectors: Requirements and test methods for toecaps and penetration-resistant inserts</p> <p>EN 13287: 2019 Standard - Personal Protective Equipment – Safety Footwear - Test Method for slip resistance</p> <p><u>Directive</u> Protection scope: Personal Protective Equipment Regulation 2016/425</p> <p><u>Marking: Performance Standards and Approvals, Norms &amp; Certifications</u></p> 

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Required PPE	Product Specification
<p><b><u>Classification:</u></b> Socks, Safety</p> <p><b><u>Type:</u></b> BOVA Anti-Bacterial Sox ACC12918/Similar and/or Equivalent</p> 	<p><b><u>Body Protection</u></b></p> <p><b><u>Item:</u></b></p> <p><b>Safety Socks (General Work)</b></p> <p><u>Description (Including <b>Special Features</b> and Properties)</u></p> <p>The Anti-Bacterial Sox ACC12918, is engineered with anti-microbial and anti-static properties. The socks are treated with a Ruco-Bac AGP anti-microbial silver-based technology designed to destroy 95% of bacteria within 2 hours. Size: One size fit all. <b>Gender:</b> Male &amp; Female.</p> <p><u>PPE Category</u> Foot Protection</p> <p><u>PPE Sub-Category</u> General Work</p>

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Required PPE	Product Specification
<p><b>Classification:</b> Socks, Safety</p> <p><b>Type:</b> BOVA Anti-Bacterial Sox ACC12918/Similar and/or Equivalent</p>  <p>(Continue)</p>	<p><b>Body Protection: Safety Socks – General Work</b></p> <p><u>Main Process</u></p> <p>Assembling, Carrying, Checking, Climbing, Closing, Dismantling, Examining, Maintenance, Hammering, Handling, Inspection, Lifting, Operating, Re-railing, Stacking &amp; Storage and Walking Activities.</p> <p><u>Application</u></p> <p>Walking and working in warehouses, workshops and yards, climbing stairs, doing maintenance, assembling &amp; dismantling, working underneath wagons and locomotives, working in awkward positions, handling of components, temperature up to 95 °C, harsh conditions, dry, wet, slippery and oily conditions and working with flammable substances e.g., oil, gas, diesel where anti-static properties is required. Wearing socks with approved safety boots/shoes.</p> <p><u>Type of Protection</u></p> <p>Reduce Biological Health Hazards e.g. microbial, bacterial and fungal.</p> <p>Reduce Fatigue (Increased comfort and foot health).</p> <p>Resistant to Heat up to 95 °C.</p>


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Required PPE	Product Specification
<p><b>Classification:</b> Socks, Safety</p> <p><b>Type:</b> BOVA Anti-Bacterial Sox ACC12918/Similar and/or Equivalent</p>  <p>(Continue)</p>	<p><b>Body Protection: Safety Socks – General Work</b></p> <p><u>Product Information</u></p> <p><b>Size:</b> One size fits all.  <b>Colour:</b> Black</p> <p><b>Material</b>  Fibre Composition:</p> <ul style="list-style-type: none"> <li>• 72% Combed Cotton for enhanced comfort, durability, and moisture absorption</li> <li>• 25% Polyamide fibre for excellent elasticity, enabling the socks to stretch and recover</li> <li>• 2% Silver Fibre providing anti-static and anti-microbial properties for improved safety and bacterial prevention</li> <li>• The anti-static effect is permanent and does not diminish over time</li> </ul> <p>Structure &amp; Properties:</p> <ul style="list-style-type: none"> <li>• Crew length sock with reinforcement in the heel and toe area for cushioning and enhanced durability</li> <li>• Treated with Ruco-Bac AGP anti-microbial silver-based technology, designed to destroy 95% of bacteria within 2 hours, eliminate body odour, reduce infections of the foot, and improve overall foot health</li> <li>• Resistant to Heat up to 95 °C</li> </ul>


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Required PPE	Product Specification
<p><b>Classification:</b> Socks, Safety</p> <p><b>Type:</b> BOVA Anti-Bacterial Sox ACC12918/Similar and/or Equivalent</p>  <p>(Continue)</p>	<p><b>Body Protection: Safety Socks – General Work</b></p> <p><u>Performance Standards and Approvals, Norms &amp; Certifications</u></p> <p>ISO 20743: 2021 Standard - Textiles - Determination of antibacterial activity of textile products            ASTM E 2149-01 - Standard test method for determining the antimicrobial activity of immobilized antimicrobial agents under dynamic contact conditions</p> <p><u>Marking: Performance Standards and Approvals, Norms &amp; Certifications</u></p> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">  <p>Hydrophilic</p> </div> <div style="text-align: center;">  <p>Anti-static</p> </div> <div style="text-align: center;">  <p>Ruco-Bac AGP</p> </div> </div>


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Required PPE	Product Specification
<p><b><u>Classification:</u></b> Insole, Footwear, Safety</p> <p><b><u>Type:</u></b> BBF Safety Footology Elastopan Climate Control Insole with Poron, ACC13561/Similar and/or Equivalent, Safety Boots and Shoes</p> 	<p><b><u>Foot Protection</u></b></p> <p><b><u>Item:</u></b></p> <p><b>Safety Insole (Safety Boots and Shoes)</b></p> <p><b><u>Description (Including <b>Special Features</b> and Properties)</u></b></p> <p>Insole must enable fast and complete absorption of humidity inside the shoes (up to 300% higher absorption rate than a standard PU [Polyurethane] insole) with total release of the absorbed humidity (desorption) afterwards. The insole should allow for temperature control in the footbed as well as excellent moisture wicking abilities.</p> <p>The insole must provide superior cushioning, lightweight comfort, breathability, and durability. It must include an anatomical arch support to help alleviate foot fatigue and stressors due to biomechanics, a honeycomb bottom pattern construction, and aerated channels in the forepart with Poron inserts in front and rear. It must provide an added shock absorption and air flow to assist with cooling and drying. The insole's anti-static stitching must allow for the dissipation of electrostatic charge. Footwear Size 3-15 and Sizes smaller than size 3 &amp; bigger than size 15 "as and when required". Gender: Male &amp; Female.</p> <p><b><u>PPE Category</u></b></p> <p>Foot Protection</p> <p><b><u>PPE Sub-Category</u></b></p> <p>Safety Boots and Shoes</p>



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Required PPE	Product Specification
<p><b><u>Classification:</u></b> Insole, Footwear, Safety</p> <p><b><u>Type:</u></b> BBF Safety Footology Elastopan Climate Control Insole with Poron, ACC13561/Similar and/or Equivalent, Safety Boots and Shoes</p>  <p>(Continue)</p>	<p><b><u>Foot Protection: Safety Insole – Safety Boots and Shoes</u></b></p> <p><u>Main Process</u></p> <p>Assembling, Carrying, Checking, Climbing, Closing, Dismantling, Examining, Maintenance, Hammering, Handling, Inspection, Lifting, Operating, Re-railing, Stacking &amp; Storage and Walking Activities.</p> <p><u>Application</u></p> <p>Foot Assessment - Safety Footwear Recommendation. All work. Walking and working in warehouses, workshops and yards, climbing stairs, doing maintenance, assembling &amp; dismantling, working underneath wagons and locomotives, working in awkward positions, handling of components, harsh conditions, dry, wet, slippery and oily conditions and working with flammable substances e.g., oil, gas, diesel where anti-static properties is required.</p> <p><u>Type of Protection</u></p> <p>Reduce Biological Health Hazards e.g., microbial, bacterial and fungal.</p> <p>Reduce Fatigue (Increased comfort and foot health).</p>

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Required PPE	Product Specification
<p><b><u>Classification:</u></b> Insole, Footwear, Safety</p> <p><b><u>Type:</u></b> BBF Safety Footology Elastopan Climate Control Insole with Poron, ACC13561/Similar and/or Equivalent, Safety Boots and Shoes</p>  <p>(Continue)</p>	<p><b><u>Foot Protection:</u></b> <b>Safety Insole – Safety Boots and Shoes</b></p> <p><b><u>Product Information</u></b></p> <p><b>Size:</b> Footwear Size 3-15 and Sizes smaller than size 3 &amp; bigger than size 15 “as and when required”.</p> <p><b>Colour:</b> Black</p> <p><b><u>Material</u></b> Made from PU (Polyurethane)</p> <p>Composition:</p> <ul style="list-style-type: none"> <li>○ PU Elastopan with a thickness of 3.5mm in front and 6mm in heel with a shore hardness between 15 -18.</li> <li>○ The insole includes a treated polyester Birdseye lining.</li> <li>○ Poron cushioning inserts 6mm in heel and forepart.</li> </ul>

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Required PPE	Product Specification
<p><b>Classification:</b> Insole, Footwear, Safety</p> <p><b>Type:</b> BBF Safety Footology Elastopan Climate Control Insole with Poron, ACC13561/Similar and/or Equivalent, Safety Boots and Shoes</p>  <p>(Continue)</p>	<p><b>Foot Protection: Safety Insole – Safety Boots and Shoes</b></p> <p><u>Performance Standards and Approvals, Norms &amp; Certifications</u></p> <p><u>Directive</u> Protection scope: Personal Protective Equipment Regulation 2016/425</p> <p><u>Marking: Performance Standards and Approvals, Norms &amp; Certifications</u></p> <div>  ANATOMICAL ARCH SUPPORT  FAST &amp; COMPLETE ABSORPTION OF HUMIDITY  THERMAL REGULATION  SUPERIOR CUSHIONING  LIGHTWEIGHT  BREATHABLE  DURABLE  HONEYCOMB FOR ADDED SHOCK ABSORPTION &amp; AIR FLOW  ANTI-STATIC STITCHING  ANTIFUNGAL  ANTIBACTERIAL </div> <div>   </div>

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## 9. Price Item List Container Corridor

Container Corridor Personal Protective Equipment (PPE) Category 1 – Head Protection					
Item	Description of PPE	Size of PPE	Quantity Per Unit	Unit Price Per Unit	Total Price
1	Bump Cap, Safety, Uvex, U-cap Sport Vent/Similar and/or Equivalent, with Short Brim, Size: 52-54cm	52-54cm	16		
2	Bump Cap, Safety, Uvex, U-cap Sport Vent/Similar and/or Equivalent, with Short Brim, Size: 55-59cm	55-59cm	460		
3	Bump Cap, Safety, Uvex, U-cap Sport Vent/Similar and/or Equivalent, with Short Brim, Size: 60-63cm	60-63cm	60		
4	Hard Hat, Nikki 1 HHAT13200/Similar and/or Equivalent, Hard Hat, Short Peak Industrial Ratchet Lining: White, Visit Sidings		5		
5	Safety Helmet, Uvex Pheos Alpine, 9773050/Similar and/or Equivalent, White, Work at Heights, Confined Space & Breakdown		20		
6	Hard Hat Brim, Stewart Blue, J54, 100% Cotton		15		
7	Sun Hat, Bush Style, Chin Strap, Stewart Blue, J54, 100% Cotton, Size: 52	52	5		
8	Sun Hat, Bush Style, Chin Strap, Stewart Blue, J54, 100% Cotton, Size: 54	54	5		
9	Sun Hat, Bush Style, Chin Strap, Stewart Blue, J54, 100% Cotton, Size: 56	56	5		
10	Sun Hat, Bush Style, Chin Strap, Stewart Blue, J54, 100% Cotton, Size: 58	58	5		
11	Sun Hat, Bush Style, Chin Strap, Stewart Blue, J54, 100% Cotton, Size: 60	60	5		

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Item	Description of PPE	Size of PPE	Quantity Per Unit	Unit Price Per Unit	Total Price
12	Sun Hat, Bush Style, Chin Strap, Stewart Blue, J54, 100% Cotton, Size: 62	62	5		
13	Welders Hood, D59, Flame & Acid Treated		6		
14	Spectacles, Safety, MSA Alternator Spectacle/Similar and/or Equivalent – Clear Lens, Dust		326		
15	Spectacles, Safety, MSA Spirit 2/Similar and/or Equivalent, Safety Goggle Type Spectacle – Clear Lens, Dust		660		
16	Goggle - Overspecs, Safety, Uvex, Megasonic Goggle, 9320 265/Similar and/or Equivalent – Clear Lens		15		
17	Safety Prescription Goggle, Eye Examination, Uvex, Carbonvision RX 5501 Goggle, RX Insert/Similar and/or Equivalent – Clear Lens, Single Vision		40		
18	Safety Prescription Goggle, Eye Examination, Uvex, Carbonvision RX 5501 Goggle, RX Insert/Similar and/or Equivalent – Clear Lens, Bifocal		40		
19	Safety Prescription Goggle, Eye Examination, Uvex, Carbonvision RX 5501 Goggle, RX Insert/Similar and/or Equivalent – Clear Lens, Multifocal		40		
20	Combo: Uvex Ultravision Goggle, 9301 105/Similar and/or Equivalent & Uvex Face Shield, 9301 317/Similar and/or Equivalent – Clear Lens, Grinding & Chemical		182		

Item	Description of PPE	Size of PPE	Quantity Per Unit	Unit Price Per Unit	Total Price
21	Combo: Uvex Ultravision Goggle, 9301 105/Similar and/or Equivalent – Clear Lens & Face Shield, Protection Level 5, IR/UV – Green Lens, Flame Cutting & Brazing		5		
22	Combo: MSA Spirit 2/Similar and/or Equivalent, Safety Goggle Type Spectacle – Clear Lens & Face Shield, Protection Level 5, IR/UV – Green Lens, Flame Cutting & Brazing		5		
23	Welding Helmet & Powered Air Respirator, 3M Speedglas Adflo System with welding filter 9100 XX/Similar and/or Equivalent		5		
24	3M Speedglas 100/Similar and/or Equivalent Welding Shield		5		
25	Welding Mask, Auto Darkening Goggles Cobra Set: Digital Auto-Darkening Welding Goggle (Cobra-200FX), Clever Shield & Soft Hood/Similar and/or Equivalent, Welding Restricted Areas		5		
26	Earmuffs, Re-usable, Headband, Electronic, SNR 25 dB, Honeywell, Howard Leight Impact Sport Earmuff, Tactical Black, Product Number: 1034490/Similar and/or Equivalent		140		
27	Earplugs, Re-usable, Corded, SNR 28 dB, Honeywell, Quiet, Howard Leight, 1028457/Similar and/or Equivalent		3095		
28	Earplugs, Re-usable, Corded, SNR 30 dB, Uvex, Whisper, Supreme, 2111.235/Similar and/or Equivalent		3095		
29	Hygienic Storage Container, Earplugs, Honeywell, Howard Leight/Similar and/or Equivalent		250		

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Item	Description of PPE	Size of PPE	Quantity Per Unit	Unit Price Per Unit	Total Price
30	Respirators, Disposable, Molded Cup Mask, Valve, FFP2, Uvex, Com4-air, FFP2 V (NR) - 8799701/Similar and/or Equivalent, Dust & Mist		10		
31	Respirators, Disposable, Flat Fold Mask, Valve, FFP2, Uvex, Com4-breathe, FFP2 V D - 8799802/Similar and/or Equivalent Dust & Mist		10		
32	Respirators, Disposable, Molded Cup Mask, Valve, FFP3, Uvex, Com4-air, FFP3 V (NR) - 8799703/Similar and/or Equivalent, Asbestos & Silica		5311		
33	Respirators, Disposable, Flat Fold Mask, Valve, FFP3, Uvex, Com4-breathe, FFP3 V D - 8799803/Similar and/or Equivalent Asbestos & Silica		5312		
34	Respirators, Welding Fume, Disposable, Molded Cup Mask, Valve, FFP2, 3M, Premium Welding Fume, FFP2 V (NR) (D) - 9925/Similar and/or Equivalent		1278		
35	Respirators, Reusable, Half Face, Dust & Mist, Organic Vapours, Welding Fume, 3M, 6200/Similar and/or Equivalent, Half Face Respirator		213		
36	Half Face Reusable Respirator Filter, Disc Filter Particulate, Welding Fume, 3M Disc Filter 2138/Similar and/or Equivalent, GP2/GP3 Particulate		5		
37	Half/Full Face Reusable Respirator Filter, Cartridge Filter Particulate, Dust & Mist, 3M Cartridge Filter 6038,/Similar and/or Equivalent P2/P3 Particulate		5		
38	Half/Full Face Reusable Respirator Filter, Cartridge Filter, Particulate Filter & Retainer Organic Vapours/Acid Gases, 3M Cartridge Filter 6057ABE1, 3M Particulate Filter 5935, P3, 3M Retainer 501/Similar and/or Equivalent		419		

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Item	Description of PPE	Size of PPE	Quantity Per Unit	Unit Price Per Unit	Total Price
39	Respirators, Reusable, Full Face, Dust & Mist, Organic Vapours, Perchloroethylene (Electrical Cleaner), 3M, 6800/Similar and/or Equivalent, Full Face Respirator		1		
40	Half/Full Face Reusable Respirator Filter, Cartridge Filter, Particulate Filter & Retainer Organic Vapours/Acid Gases & Perchloroethylene (Electrical Cleaner), 3M Cartridge Filter 6055A2, 3M Particulate Filter 5935, P3, 3M Retainer 501/Similar and/or Equivalent		15		
41	Full Face Reusable Respirator, Organic Vapours & Perchloroethylene (Electrical Cleaner), MSA Auer 3S/Similar and/or Equivalent, Full Face Mask		2		
42	Air Supply, Organic Vapours & Perchloroethylene (Electrical Cleaner), MSA A2B2E2K1P3/Similar and/or Equivalent, Consister for Mask		30		
43	MSA/Similar and/or Equivalent Airline, Trolley with 1 Cylinder and 2 users, with secondary backup, Organic Vapours & Perchloroethylene (Electrical Cleaner)		1		
44	Air Cylinders refill, Organic Vapours & Perchloroethylene (Electrical Cleaner)		27		

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### Container Corridor Personal Protective Equipment (PPE) Category 2 – Body Protection

Item	Description of PPE	Size of PPE	Quantity Per Unit	Unit Price Per Unit	Total Price
1	Workwear - Work Suit, Acid resistant - Dromex, Poly Viscose Acid Conti suit Reflective, DW-PVACIDRT-S/Similar and/or Equivalent, Chemical	77cm	2		
2	Workwear - Work Suit, Acid resistant - Dromex, Poly Viscose Acid Conti suit Reflective, DW-PVACIDRT-S/Similar and/or Equivalent, Chemical	82cm	2		
3	Workwear - Work Suit, Acid resistant - Dromex, Poly Viscose Acid Conti suit Reflective, DW-PVACIDRT-S/Similar and/or Equivalent, Chemical	87cm	2		
4	Workwear - Work Suit, Acid resistant - Dromex, Poly Viscose Acid Conti suit Reflective, DW-PVACIDRT-S/Similar and/or Equivalent, Chemical	92cm	2		
5	Workwear - Work Suit, Acid resistant - Dromex, Poly Viscose Acid Conti suit Reflective, DW-PVACIDRT-S/Similar and/or Equivalent, Chemical	97cm	2		
6	Workwear - Work Suit, Acid resistant - Dromex, Poly Viscose Acid Conti suit Reflective, DW-PVACIDRT-S/Similar and/or Equivalent, Chemical	102cm	2		
7	Workwear - Work Suit, Acid resistant - Dromex, Poly Viscose Acid Conti suit Reflective, DW-PVACIDRT-S/Similar and/or Equivalent, Chemical	107cm	2		
8	Workwear - Work Suit, Acid resistant - Dromex, Poly Viscose Acid Conti suit Reflective, DW-PVACIDRT-S/Similar and/or Equivalent, Chemical	112cm	2		

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Item	Description of PPE	Size of PPE	Quantity Per Pair	Unit Price Per Pair	Total Price
9	Workwear - Work Suit, Acid resistant - Dromex, Poly Viscose Acid Conti suit Reflective, DW-PVACIDRT-S/Similar and/or Equivalent, Chemical	117cm	2		
10	Workwear - Work Suit, Acid resistant - Dromex, Poly Viscose Acid Conti suit Reflective, DW-PVACIDRT-S/Similar and/or Equivalent, Chemical	122cm	2		
11	Vest, High Visibility, WATT/Similar and/or Equivalent, Reflective Safety Vest (Operations)	S	150		
12	Vest, High Visibility, WATT/Similar and/or Equivalent, Reflective Safety Vest (Operations)	M	434		
13	Vest, High Visibility, WATT/Similar and/or Equivalent, Reflective Safety Vest (Operations)	L	539		
14	Vest, High Visibility, WATT/Similar and/or Equivalent, Reflective Safety Vest (Operations)	XL	460		
15	Vest, High Visibility, WATT/Similar and/or Equivalent, Reflective Safety Vest (Operations)	2XL	257		
16	Vest, High Visibility, WATT/Similar and/or Equivalent, Reflective Safety Vest (Operations)	3XL	113		
17	Walkie Talkie Harness, High Visibility, WATT/Similar and/or Equivalent, Reflective Safety Walkie Talkie Harness (Shunting)	S	50		
18	Walkie Talkie Harness, High Visibility, WATT/Similar and/or Equivalent, Reflective Safety Walkie Talkie Harness (Shunting)	M	100		

Item	Description of PPE	Size of PPE	Quantity Per Pair	Unit Price Per Pair	Total Price
19	Walkie Talkie Harness, High Visibility, WATT/Similar and/or Equivalent, Reflective Safety Walkie Talkie Harness (Shunting)	L	300		
20	Walkie Talkie Harness, High Visibility, WATT/Similar and/or Equivalent, Reflective Safety Walkie Talkie Harness (Shunting)	XL	300		
21	Walkie Talkie Harness, High Visibility, WATT/Similar and/or Equivalent, Reflective Safety Walkie Talkie Harness (Shunting)	2XL	100		
22	Walkie Talkie Harness, High Visibility, WATT/Similar and/or Equivalent, Reflective Safety Walkie Talkie Harness (Shunting)	3XL	50		
23	Rainwear, Rainsuit, WATT/Similar and/or Equivalent, Navy Parka	S:87-92cm	5		
24	Rainwear, Rainsuit, WATT/Similar and/or Equivalent, Navy Parka	M:97-102cm	5		
25	Rainwear, Rainsuit, WATT/Similar and/or Equivalent, Navy Parka	L:107-112cm	5		
26	Rainwear, Rainsuit, WATT/Similar and/or Equivalent, Navy Parka	XL:117-122cm	5		
27	Rainwear, Rainsuit, WATT/Similar and/or Equivalent, Navy Parka	2XL: 127-132cm	5		
28	Rainwear, Rainsuit, WATT/Similar and/or Equivalent, Navy Parka	3XL: 137-142cm	5		
29	Knee Pad		120		

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Item	Description of PPE	Size of PPE	Quantity Per Pair	Unit Price Per Pair	Total Price
30	<b>Skullcap</b> - Welding Clothing, Inherently Flame Resistant, Beier's/Similar and/or Equivalent, I-Flame thermal protection fabric, Welding, Grinding & Flame Cutting		3		
31	<b>Hood</b> - Welding Clothing, Inherently Flame Resistant, Beier's/Similar and/or Equivalent, I-Flame thermal protection fabric, Welding, Grinding & Flame Cutting		3		
32	<b>Sleeves</b> - Welding Clothing, Inherently Flame Resistant, Beier's/Similar and/or Equivalent, I-Flame thermal protection fabric, Welding, Grinding & Flame Cutting		12		
33	<b>Apron</b> - Welding Clothing, Inherently Flame Resistant, Beier's/Similar and/or Equivalent, I-Flame thermal protection fabric, Welding, Grinding & Flame Cutting		3		
34	<b>Spats</b> - Welding Clothing, Inherently Flame Resistant, Beier's/Similar and/or Equivalent, I-Flame thermal protection fabric, Welding, Grinding & Flame Cutting		12		
35	<b>Yoke</b> - Welding Clothing, Inherently Flame Resistant, Beier's/Similar and/or Equivalent, I-Flame thermal protection fabric, Welding, Grinding & Flame Cutting	S	1		
36	<b>Yoke</b> - Welding Clothing, Inherently Flame Resistant, Beier's/Similar and/or Equivalent, I-Flame thermal protection fabric, Welding, Grinding & Flame Cutting	M	1		

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Item	Description of PPE	Size of PPE	Quantity Per Pair	Unit Price Per Pair	Total Price
37	<b>Yoke</b> - Welding Clothing, Inherently Flame Resistant, Beier's/Similar and/or Equivalent, I-Flame thermal protection fabric, Welding, Grinding & Flame Cutting	L	1		
38	<b>Yoke</b> - Welding Clothing, Inherently Flame Resistant, Beier's/Similar and/or Equivalent, I-Flame thermal protection fabric, Welding, Grinding & Flame Cutting	XL	1		
39	<b>Yoke</b> - Welding Clothing, Inherently Flame Resistant, Beier's/Similar and/or Equivalent, I-Flame thermal protection fabric, Welding, Grinding & Flame Cutting	2XL	1		
40	<b>Yoke</b> - Welding Clothing, Inherently Flame Resistant, Beier's/Similar and/or Equivalent, I-Flame thermal protection fabric, Welding, Grinding & Flame Cutting	3XL	1		
41	<b>Jacket</b> - Welding Clothing, Inherently Flame Resistant, Beier's/Similar and/or Equivalent, I-Flame thermal protection fabric, Welding, Grinding & Flame Cutting	S	1		
42	<b>Jacket</b> - Welding Clothing, Inherently Flame Resistant, Beier's/Similar and/or Equivalent, I-Flame thermal protection fabric, Welding, Grinding & Flame Cutting	M	1		

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Item	Description of PPE	Size of PPE	Quantity Per Pair	Unit Price Per Pair	Total Price
43	<b>Jacket</b> - Welding Clothing, Inherently Flame Resistant, Beier's/Similar and/or Equivalent, I-Flame thermal protection fabric, Welding, Grinding & Flame Cutting	L	5		
44	<b>Jacket</b> - Welding Clothing, Inherently Flame Resistant, Beier's/Similar and/or Equivalent, I-Flame thermal protection fabric, Welding, Grinding & Flame Cutting	XL	5		
45	<b>Jacket</b> - Welding Clothing, Inherently Flame Resistant, Beier's/Similar and/or Equivalent, I-Flame thermal protection fabric, Welding, Grinding & Flame Cutting	2XL	2		
46	<b>Jacket</b> - Welding Clothing, Inherently Flame Resistant, Beier's/Similar and/or Equivalent, I-Flame thermal protection fabric, Welding, Grinding & Flame Cutting	3XL	1		
47	<b>Trouser</b> - Welding Clothing, Inherently Flame Resistant, Beier's/Similar and/or Equivalent, I-Flame thermal protection fabric, Welding, Grinding & Flame Cutting	S	1		
48	<b>Trouser</b> - Welding Clothing, Inherently Flame Resistant, Beier's/Similar and/or Equivalent, I-Flame thermal protection fabric, Welding, Grinding & Flame Cutting	M	1		

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Item	Description of PPE	Size of PPE	Quantity Per Pair	Unit Price Per Pair	Total Price
49	<b>Trouser</b> - Welding Clothing, Inherently Flame Resistant, Beier's/Similar and/or Equivalent, I-Flame thermal protection fabric, Welding, Grinding & Flame Cutting	L	5		
50	<b>Trouser</b> - Welding Clothing, Inherently Flame Resistant, Beier's/Similar and/or Equivalent, I-Flame thermal protection fabric, Welding, Grinding & Flame Cutting	XL	5		
51	<b>Trouser</b> - Welding Clothing, Inherently Flame Resistant, Beier's/Similar and/or Equivalent, I-Flame thermal protection fabric, Welding, Grinding & Flame Cutting	2XL	2		
52	<b>Trouser</b> - Welding Clothing, Inherently Flame Resistant, Beier's/Similar and/or Equivalent, I-Flame thermal protection fabric, Welding, Grinding & Flame Cutting	3XL	1		
53	<b>Gloves</b> - Welding Clothing, Inherently Flame Resistant, Beier's/Similar and/or Equivalent, I-Flame thermal protection fabric, Welding, Grinding & Flame Cutting	S	5		
54	<b>Gloves</b> - Welding Clothing, Inherently Flame Resistant, Beier's/Similar and/or Equivalent, I-Flame thermal protection fabric, Welding, Grinding & Flame Cutting	M	12		

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Item	Description of PPE	Size of PPE	Quantity Per Pair	Unit Price Per Pair	Total Price
55	<b>Gloves</b> - Welding Clothing, Inherently Flame Resistant, Beier's/Similar and/or Equivalent, I-Flame thermal protection fabric, Welding, Grinding & Flame Cutting	L	20		
56	<b>Gloves</b> - Welding Clothing, Inherently Flame Resistant, Beier's/Similar and/or Equivalent, I-Flame thermal protection fabric, Welding, Grinding & Flame Cutting	XL	20		
57	<b>Gloves</b> - Welding Clothing, Inherently Flame Resistant, Beier's/Similar and/or Equivalent, I-Flame thermal protection fabric, Welding, Grinding & Flame Cutting	2XL	20		
58	<b>Gloves</b> - Welding Clothing, Inherently Flame Resistant, Beier's/Similar and/or Equivalent, I-Flame thermal protection fabric, Welding, Grinding & Flame Cutting	3XL	5		
59	Leather Apron, 60cmx120cm, Welding, Grinding & Flame Cutting		22		
60	<b>Disposable Coverall Dust, Oil, Diesel:</b> Type 5 and Type 6, Disposable Coverall, Dust, Oil, Diesel, Paint & Asbestos	S	50		
61	<b>Disposable Coverall Dust, Oil, Diesel:</b> Type 5 and Type 6, Disposable Coverall, Dust, Oil, Diesel, Paint & Asbestos	M	3653		

Item	Description of PPE	Size of PPE	Quantity Per Pair	Unit Price Per Pair	Total Price
62	<b>Disposable Coverall Dust, Oil, Diesel:</b> Type 5 and Type 6, Disposable Coverall, Dust, Oil, Diesel, Paint & Asbestos	L	2730		
63	<b>Disposable Coverall Dust, Oil, Diesel:</b> Type 5 and Type 6, Disposable Coverall, Dust, Oil, Diesel, Paint & Asbestos	XL	4965		
64	<b>Disposable Coverall Dust, Oil, Diesel:</b> Type 5 and Type 6, Disposable Coverall, Dust, Oil, Diesel, Paint & Asbestos	2XL	1376		
65	<b>Disposable Coverall Dust, Oil, Diesel:</b> Type 5 and Type 6, Disposable Coverall, Dust, Oil, Diesel, Paint & Asbestos	3XL	3850		
66	<b>Disposable Coverall Dust, Oil, Diesel:</b> Type 5 and Type 6, Disposable Coverall, Dust, Oil, Diesel, Paint & Asbestos	4XL	50		
67	<b>Disposable Coverall Paint:</b> Type 5 and Type 6, Disposable Coverall, Dust, Oil, Diesel, Paint & Asbestos	3XL	50		
68	Gloves, General Work, Safety, Wonder Grip, WG-787 Dexcut/Similar and/or Equivalent	S/7	32		
69	Gloves, General Work, Safety, Wonder Grip, WG-787 Dexcut/Similar and/or Equivalent	M/8	50		
70	Gloves, General Work, Safety, Wonder Grip, WG-787 Dexcut/Similar and/or Equivalent	L/9	150		

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Item	Description of PPE	Size of PPE	Quantity Per Pair	Unit Price Per Pair	Total Price
71	Gloves, General Work, Safety, Wonder Grip, WG-787 Dexcut/Similar and/or Equivalent	XL/10	1081		
72	Gloves, General Work, Safety, Wonder Grip, WG-787 Dexcut/Similar and/or Equivalent	2XL/11	150		
73	Gloves, General Work, Safety, Granberg, Protector 116.592/Similar and/or Equivalent	XS/6	20		
74	Gloves, General Work, Safety, Granberg, Protector 116.592/Similar and/or Equivalent	S/7	32		
75	Gloves, General Work, Safety, Granberg, Protector 116.592/Similar and/or Equivalent	M/8	50		
76	Gloves, General Work, Safety, Granberg, Protector 116.592/Similar and/or Equivalent	L/9	150		
77	Gloves, General Work, Safety, Granberg, Protector 116.592/Similar and/or Equivalent	XL/10	1081		
78	Gloves, General Work, Safety, Granberg, Protector 116.592/Similar and/or Equivalent	2XL/11	150		
79	Gloves, General Work, Safety, Granberg, Protector 116.592/Similar and/or Equivalent	3XL/12	30		
80	Gloves, Impact, Extreme Work (Breakdown, Shunting & Heavy Maintenance), Safety, Granberg, Cut Level D Impact Hi-Viz™ Protective Gloves 115.9001/Similar and/or Equivalent	S/7	5		

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Item	Description of PPE	Size of PPE	Quantity Per Pair	Unit Price Per Pair	Total Price
81	Gloves, Impact, Extreme Work (Breakdown, Shunting & Heavy Maintenance), Safety, Granberg, Cut Level D Impact Hi-Viz™ Protective Gloves 115.9001/Similar and/or Equivalent	M/8	10		
82	Gloves, Impact, Extreme Work (Breakdown, Shunting & Heavy Maintenance), Safety, Granberg, Cut Level D Impact Hi-Viz™ Protective Gloves 115.9001/Similar and/or Equivalent	L/9	30		
83	Gloves, Impact, Extreme Work (Breakdown, Shunting & Heavy Maintenance), Safety, Granberg, Cut Level D Impact Hi-Viz™ Protective Gloves 115.9001/Similar and/or Equivalent	XL/10	30		
84	Gloves, Impact, Extreme Work (Breakdown, Shunting & Heavy Maintenance), Safety, Granberg, Cut Level D Impact Hi-Viz™ Protective Gloves 115.9001/Similar and/or Equivalent	2XL/11	20		
85	Gloves, Impact, Extreme Work (Breakdown, Shunting & Heavy Maintenance), Safety, Granberg, Cut Level D Impact Hi-Viz™ Protective Gloves 115.9001/Similar and/or Equivalent	3XL/12	5		

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Item	Description of PPE	Size of PPE	Quantity Per Pair	Unit Price Per Pair	Total Price
86	Gloves, Extreme Oily, Safety, Granberg, 114.4279 /Similar and/or Equivalent, Assembly Gloves, Full Nitrile Microfoam Coating Unlined, Extreme Oily	S/7	2		
87	Gloves, Extreme Oily, Safety, Granberg, 114.4279 /Similar and/or Equivalent, Assembly Gloves, Full Nitrile Microfoam Coating Unlined, Extreme Oily	M/8	5		
88	Gloves, Extreme Oily, Safety, Granberg, 114.4279 /Similar and/or Equivalent, Assembly Gloves, Full Nitrile Microfoam Coating Unlined, Extreme Oily	L/9	5		
89	Gloves, Extreme Oily, Safety, Granberg, 114.4279 /Similar and/or Equivalent, Assembly Gloves, Full Nitrile Microfoam Coating Unlined, Extreme Oily	XL/10	5		
90	Gloves, Extreme Oily, Safety, Granberg, 114.4279 /Similar and/or Equivalent, Assembly Gloves, Full Nitrile Microfoam Coating Unlined, Extreme Oily	2XL/11	5		
91	Gloves, Extreme Oily, Safety, Granberg, 114.4279 /Similar and/or Equivalent, Assembly Gloves, Full Nitrile Microfoam Coating Unlined, Extreme Oily	3XL/12	2		
92	Leather Welding Glove, 8-inch cuff		5		

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Item	Description of PPE	Size of PPE	Quantity Per Pair	Unit Price Per Pair	Total Price
93	Leather Welding Glove, 16-inch cuff		51		
94	<b>Gloves Chemical:</b> Gloves, Chemical & Sandblast, Granberg, Chemstar 114.1000/Similar and/or Equivalent, Nitrile Chemical Resistant Gloves, 33cm length, 0.38mm thick	7	50		
95	<b>Gloves Chemical:</b> Gloves, Chemical & Sandblast, Granberg, Chemstar 114.1000/Similar and/or Equivalent, Nitrile Chemical Resistant Gloves, 33cm length, 0.38mm thick	8	350		
96	<b>Gloves Chemical:</b> Gloves, Chemical & Sandblast, Granberg, Chemstar 114.1000/Similar and/or Equivalent, Nitrile Chemical Resistant Gloves, 33cm length, 0.38mm thick	9	797		
97	<b>Gloves Chemical:</b> Gloves, Chemical & Sandblast, Granberg, Chemstar 114.1000/Similar and/or Equivalent, Nitrile Chemical Resistant Gloves, 33cm length, 0.38mm thick	10	420		
98	<b>Gloves Chemical:</b> Gloves, Chemical & Sandblast, Granberg, Chemstar 114.1000/Similar and/or Equivalent, Nitrile Chemical Resistant Gloves, 33cm length, 0.38mm thick	11	420		

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Item	Description of PPE	Size of PPE	Quantity Per Pair	Unit Price Per Pair	Total Price
99	<b>Gloves Chemical:</b> Gloves, Chemical & Sandblast, Granberg, Chemstar 114.1000/Similar and/or Equivalent, Nitrile Chemical Resistant Gloves, 33cm length, 0.38mm thick	12	20		
100	<b>Gloves Chemical:</b> Gloves, Chemical & Sandblast, Granberg, Chemstar 114.1046/Similar and/or Equivalent, Nitrile Chemical Resistant Gloves, 46cm length, 0.55mm thick	7	86		
101	<b>Gloves Chemical:</b> Gloves, Chemical & Sandblast, Granberg, Chemstar 114.1046/Similar and/or Equivalent, Nitrile Chemical Resistant Gloves, 46cm length, 0.55mm thick	8	600		
102	<b>Gloves Chemical:</b> Gloves, Chemical & Sandblast, Granberg, Chemstar 114.1046/Similar and/or Equivalent, Nitrile Chemical Resistant Gloves, 46cm length, 0.55mm thick	9	790		
103	<b>Gloves Chemical:</b> Gloves, Chemical & Sandblast, Granberg, Chemstar 114.1046/Similar and/or Equivalent, Nitrile Chemical Resistant Gloves, 46cm length, 0.55mm thick	10	630		
104	<b>Gloves Chemical:</b> Gloves, Chemical & Sandblast, Granberg, Chemstar 114.1046/Similar and/or Equivalent, Nitrile Chemical Resistant Gloves, 46cm length, 0.55mm thick	11	630		

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Item	Description of PPE	Size of PPE	Quantity Per Pair	Unit Price Per Pair	Total Price
105	<b>Gloves Chemical:</b> Gloves, Chemical & Sandblast, Granberg, Chemstar 114.1046/Similar and/or Equivalent, Nitrile Chemical Resistant Gloves, 46cm length, 0.55mm thick	12	30		
106	Fall Protection - Fall Arrest Equipment, V-form Safety Harness, Back/Chest D-Ring, Qwik-Fit Leg Buckles, Latchways Mini Retractable Lanyard, Latchways Mini PFL, 1.8m, twin-leg with 36C snaphooks		100		

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Container Corridor Personal Protective Equipment (PPE) Category 3 – Safety Footwear					
Item	Description of PPE	Size of PPE	Quantity Per Pair	Unit Price Per Pair	Total Price
1	Boots, Safety, Bova Trax Hiker 21013/Similar and/or Equivalent	3	7		
2	Boots, Safety, Bova Trax Hiker 21013/Similar and/or Equivalent	4	15		
3	Boots, Safety, Bova Trax Hiker 21013/Similar and/or Equivalent	5	218		
4	Boots, Safety, Bova Trax Hiker 21013/Similar and/or Equivalent	6	167		
5	Boots, Safety, Bova Trax Hiker 21013/Similar and/or Equivalent	7	827		
6	Boots, Safety, Bova Trax Hiker 21013/Similar and/or Equivalent	8	995		
7	Boots, Safety, Bova Trax Hiker 21013/Similar and/or Equivalent	9	699		
8	Boots, Safety, Bova Trax Hiker 21013/Similar and/or Equivalent	10	451		
9	Boots, Safety, Bova Trax Hiker 21013/Similar and/or Equivalent	11	186		
10	Boots, Safety, Bova Trax Hiker 21013/Similar and/or Equivalent	12	1		
11	Boots, Safety, Bova Trax Hiker 21013/Similar and/or Equivalent	13	6		
12	Boots, Safety, Bova Trax Hiker 21013/Similar and/or Equivalent	14	5		

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Item	Description of PPE	Size of PPE	Quantity Per Pair	Unit Price Per Pair	Total Price
13	Gumboots, Safety, Shosholoza, ZBBSR/Similar and/or Equivalent	6	8		
14	Gumboots, Safety, Shosholoza, ZBBSR/Similar and/or Equivalent	7	35		
15	Gumboots, Safety, Shosholoza, ZBBSR/Similar and/or Equivalent	8	16		
16	Gumboots, Safety, Shosholoza, ZBBSR/Similar and/or Equivalent	9	17		
17	Gumboots, Safety, Shosholoza, ZBBSR/Similar and/or Equivalent	10	17		
18	Gumboots, Safety, Shosholoza, ZBBSR/Similar and/or Equivalent	11	12		
19	Socks, Safety, BOVA Anti-Bacterial Sox ACC12918/Similar and/or Equivalent		833		
20	Insoles Footwear; Elastopan, (Cushioned Footbed)/Similar and/or Equivalent	3	4		
21	Insoles Footwear; Elastopan, (Cushioned Footbed)/Similar and/or Equivalent	4	8		
22	Insoles Footwear; Elastopan, (Cushioned Footbed)/Similar and/or Equivalent	5	109		
23	Insoles Footwear; Elastopan, (Cushioned Footbed)/Similar and/or Equivalent	6	84		
24	Insoles Footwear; Elastopan, (Cushioned Footbed)/Similar and/or Equivalent	7	414		
25	Insoles Footwear; Elastopan, (Cushioned Footbed)/Similar and/or Equivalent	8	498		

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Item	Description of PPE	Size of PPE	Quantity Per Pair	Unit Price Per Pair	Total Price
26	Insoles Footwear; Elastopan, (Cushioned Footbed)/Similar and/or Equivalent	9	350		
27	Insoles Footwear; Elastopan, (Cushioned Footbed)/Similar and/or Equivalent	10	226		
28	Insoles Footwear; Elastopan, (Cushioned Footbed)/Similar and/or Equivalent	11	93		
29	Insoles Footwear; Elastopan, (Cushioned Footbed)/Similar and/or Equivalent	12	1		
30	Insoles Footwear; Elastopan, (Cushioned Footbed)/Similar and/or Equivalent	13	3		
31	Insoles Footwear; Elastopan, (Cushioned Footbed)/Similar and/or Equivalent	14	3		

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## 10. Price Item List North Corridor

North Corridor Personal Protective Equipment (PPE) Category 1 – Head Protection					
Item	Description of PPE	Size of PPE	Quantity Per Unit	Unit Price Per Unit	Total Price
1	Bump Cap, Safety, Uvex, U-cap Sport Vent/Similar and/or Equivalent, with Short Brim, Size: 52-54cm	52-54cm	62		
2	Bump Cap, Safety, Uvex, U-cap Sport Vent/Similar and/or Equivalent, with Short Brim, Size: 55-59cm	55-59cm	1700		
3	Bump Cap, Safety, Uvex, U-cap Sport Vent/Similar and/or Equivalent, with Short Brim, Size: 60-63cm	60-63cm	100		
4	Hard Hat, Nikki 1 HHAT13200/Similar and/or Equivalent, Hard Hat, Short Peak Industrial Ratchet Lining: White, Visit Sidings		5		
5	Safety Helmet, Uvex Pheos Alpine, 9773050/Similar and/or Equivalent, White, Work at Heights, Confined Space & Breakdown		20		
6	Hard Hat Brim, Stewart Blue, J54, 100% Cotton		15		
7	Sun Hat, Bush Style, Chin Strap, Stewart Blue, J54, 100% Cotton, Size: 52	52	2		
8	Sun Hat, Bush Style, Chin Strap, Stewart Blue, J54, 100% Cotton, Size: 54	54	98		
9	Sun Hat, Bush Style, Chin Strap, Stewart Blue, J54, 100% Cotton, Size: 56	56	1203		
10	Sun Hat, Bush Style, Chin Strap, Stewart Blue, J54, 100% Cotton, Size: 58	58	149		

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Item	Description of PPE	Size of PPE	Quantity Per Pair	Unit Price Per Pair	Total Price
11	Sun Hat, Bush Style, Chin Strap, Stewart Blue, J54, 100% Cotton, Size: 60	60	209		
12	Sun Hat, Bush Style, Chin Strap, Stewart Blue, J54, 100% Cotton, Size: 62	62	5		
13	Welders Hood, D59, Flame & Acid Treated		2		
14	Spectacles, Safety, MSA Alternator Spectacle/Similar and/or Equivalent – Clear Lens, Dust		140		
15	Spectacles, Safety, MSA Spirit 2/Similar and/or Equivalent, Safety Goggle Type Spectacle – Clear Lens, Dust		1551		
16	Goggle - Overspecs, Safety, Uvex, Megasonic Goggle, 9320 265/Similar and/or Equivalent – Clear Lens		15		
17	Safety Prescription Goggle, Eye Examination, Uvex, Carbonvision RX 5501 Goggle, RX Insert/Similar and/or Equivalent – Clear Lens, Single Vision		40		
18	Safety Prescription Goggle, Eye Examination, Uvex, Carbonvision RX 5501 Goggle, RX Insert/Similar and/or Equivalent – Clear Lens, Bifocal		40		
19	Safety Prescription Goggle, Eye Examination, Uvex, Carbonvision RX 5501 Goggle, RX Insert/Similar and/or Equivalent – Clear Lens, Multifocal		40		
20	Combo: Uvex Ultravision Goggle, 9301 105/Similar and/or Equivalent & Uvex Face Shield, 9301 317/Similar and/or Equivalent – Clear Lens, Grinding & Chemical		393		

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Item	Description of PPE	Size of PPE	Quantity Per Pair	Unit Price Per Pair	Total Price
21	Combo: Uvex Ultravision Goggle, 9301 105/Similar and/or Equivalent – Clear Lens & Face Shield, Protection Level 5, IR/UV – Green Lens, Flame Cutting & Brazing		5		
22	Combo: MSA Spirit 2/Similar and/or Equivalent, Safety Goggle Type Spectacle – Clear Lens & Face Shield, Protection Level 5, IR/UV – Green Lens, Flame Cutting & Brazing		399		
23	Welding Helmet & Powered Air Respirator, 3M Speedglas Adflo System with welding filter 9100 XX/Similar and/or Equivalent		5		
24	3M Speedglas 100/Similar and/or Equivalent Welding Shield		5		
25	Welding Mask, Auto Darkening Goggles Cobra Set: Digital Auto-Darkening Welding Goggle (Cobra-200FX), Clever Shield & Soft Hood/Similar and/or Equivalent, Welding Restricted Areas		5		
26	Earmuffs, Re-usable, Headband, Electronic, SNR 25 dB, Honeywell, Howard Leight Impact Sport Earmuff, Tactical Black, Product Number: 1034490/Similar and/or Equivalent		35		
27	Earplugs, Re-usable, Corded, SNR 28 dB, Honeywell, Quiet, Howard Leight, 1028457/Similar and/or Equivalent		12056		
28	Earplugs, Re-usable, Corded, SNR 30 dB, Uvex, Whisper, Supreme, 2111.235/Similar and/or Equivalent		12056		

Item	Description of PPE	Size of PPE	Quantity Per Pair	Unit Price Per Pair	Total Price
29	Hygienic Storage Container, Earplugs, Honeywell, Howard Leight/Similar and/or Equivalent		250		
30	Respirators, Disposable, Molded Cup Mask, Valve, FFP2, Uvex, Com4-air, FFP2 V (NR) - 8799701/Similar and/or Equivalent, Dust & Mist		2944		
31	Respirators, Disposable, Flat Fold Mask, Valve, FFP2, Uvex, Com4-breathe, FFP2 V D - 8799802/Similar and/or Equivalent Dust & Mist		2945		
32	Respirators, Disposable, Molded Cup Mask, Valve, FFP3, Uvex, Com4-air, FFP3 V (NR) - 8799703/Similar and/or Equivalent, Asbestos & Silica		22754		
33	Respirators, Disposable, Flat Fold Mask, Valve, FFP3, Uvex, Com4-breathe, FFP3 V D - 8799803/Similar and/or Equivalent Asbestos & Silica		22755		
34	Respirators, Welding Fume, Disposable, Molded Cup Mask, Valve, FFP2, 3M, Premium Welding Fume, FFP2 V (NR) (D) - 9925/Similar and/or Equivalent		188		
35	Respirators, Reusable, Half Face, Dust & Mist, Organic Vapours, Welding Fume, 3M, 6200/Similar and/or Equivalent, Half Face Respirator		521		
36	Half Face Reusable Respirator Filter, Disc Filter Particulate, Welding Fume, 3M Disc Filter 2138/Similar and/or Equivalent, GP2/GP3 Particulate		5		
37	Half/Full Face Reusable Respirator Filter, Cartridge Filter Particulate, Dust & Mist, 3M Cartridge Filter 6038,/Similar and/or Equivalent P2/P3 Particulate		5		
38	Half/Full Face Reusable Respirator Filter, Cartridge Filter, Particulate Filter & Retainer Organic Vapours/Acid Gases, 3M Cartridge Filter 6057ABE1, 3M Particulate Filter 5935, P3, 3M Retainer 501/Similar and/or Equivalent		8		

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Item	Description of PPE	Size of PPE	Quantity Per Pair	Unit Price Per Pair	Total Price
39	Respirators, Reusable, Full Face, Dust & Mist, Organic Vapours, Perchloroethylene (Electrical Cleaner), 3M, 6800/Similar and/or Equivalent, Full Face Respirator		1		
40	Half/Full Face Reusable Respirator Filter, Cartridge Filter, Particulate Filter & Retainer Organic Vapours/Acid Gases & Perchloroethylene (Electrical Cleaner), 3M Cartridge Filter 6055A2, 3M Particulate Filter 5935, P3, 3M Retainer 501/Similar and/or Equivalent		15		
41	Full Face Reusable Respirator, Organic Vapours & Perchloroethylene (Electrical Cleaner), MSA Auer 3S/Similar and/or Equivalent, Full Face Mask		2		
42	Air Supply, Organic Vapours & Perchloroethylene (Electrical Cleaner), MSA A2B2E2K1P3/Similar and/or Equivalent, Consister for Mask		30		
43	MSA/Similar and/or Equivalent Airline, Trolley with 1 Cylinder and 2 users, with secondary backup, Organic Vapours & Perchloroethylene (Electrical Cleaner)		1		
44	Air Cylinders refill, Organic Vapours & Perchloroethylene (Electrical Cleaner)		27		

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North Corridor Personal Protective Equipment (PPE) Category 2 – Body Protection					
Item	Description of PPE	Size of PPE	Quantity Per Unit	Unit Price Per Unit	Total Price
1	Workwear - Work Suit, Acid resistant - Dromex, Poly Viscose Acid Conti suit Reflective, DW-PVACIDRT-S/Similar and/or Equivalent, Chemical	77cm	2		
2	Workwear - Work Suit, Acid resistant - Dromex, Poly Viscose Acid Conti suit Reflective, DW-PVACIDRT-S/Similar and/or Equivalent, Chemical	82cm	2		
3	Workwear - Work Suit, Acid resistant - Dromex, Poly Viscose Acid Conti suit Reflective, DW-PVACIDRT-S/Similar and/or Equivalent, Chemical	87cm	2		
4	Workwear - Work Suit, Acid resistant - Dromex, Poly Viscose Acid Conti suit Reflective, DW-PVACIDRT-S/Similar and/or Equivalent, Chemical	92cm	2		
5	Workwear - Work Suit, Acid resistant - Dromex, Poly Viscose Acid Conti suit Reflective, DW-PVACIDRT-S/Similar and/or Equivalent, Chemical	97cm	2		
6	Workwear - Work Suit, Acid resistant - Dromex, Poly Viscose Acid Conti suit Reflective, DW-PVACIDRT-S/Similar and/or Equivalent, Chemical	102cm	2		
7	Workwear - Work Suit, Acid resistant - Dromex, Poly Viscose Acid Conti suit Reflective, DW-PVACIDRT-S/Similar and/or Equivalent, Chemical	107cm	2		
8	Workwear - Work Suit, Acid resistant - Dromex, Poly Viscose Acid Conti suit Reflective, DW-PVACIDRT-S/Similar and/or Equivalent, Chemical	112cm	2		

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Item	Description of PPE	Size of PPE	Quantity Per Unit	Unit Price Per Unit	Total Price
9	Workwear - Work Suit, Acid resistant - Dromex, Poly Viscose Acid Conti suit Reflective, DW-PVACIDRT-S/Similar and/or Equivalent, Chemical	117cm	2		
10	Workwear - Work Suit, Acid resistant - Dromex, Poly Viscose Acid Conti suit Reflective, DW-PVACIDRT-S/Similar and/or Equivalent, Chemical	122cm	2		
11	Vest, High Visibility, WATT/Similar and/or Equivalent, Reflective Safety Vest (Operations)	S	886		
12	Vest, High Visibility, WATT/Similar and/or Equivalent, Reflective Safety Vest (Operations)	M	953		
13	Vest, High Visibility, WATT/Similar and/or Equivalent, Reflective Safety Vest (Operations)	L	919		
14	Vest, High Visibility, WATT/Similar and/or Equivalent, Reflective Safety Vest (Operations)	XL	731		
15	Vest, High Visibility, WATT/Similar and/or Equivalent, Reflective Safety Vest (Operations)	2XL	485		
16	Vest, High Visibility, WATT/Similar and/or Equivalent, Reflective Safety Vest (Operations)	3XL	509		
17	Walkie Talkie Harness, High Visibility, WATT/Similar and/or Equivalent, Reflective Safety Walkie Talkie Harness (Shunting)	S	50		
18	Walkie Talkie Harness, High Visibility, WATT/Similar and/or Equivalent, Reflective Safety Walkie Talkie Harness (Shunting)	M	100		
19	Walkie Talkie Harness, High Visibility, WATT/Similar and/or Equivalent, Reflective Safety Walkie Talkie Harness (Shunting)	L	300		

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Item	Description of PPE	Size of PPE	Quantity Per Unit	Unit Price Per Unit	Total Price
20	Walkie Talkie Harness, High Visibility, WATT/Similar and/or Equivalent, Reflective Safety Walkie Talkie Harness (Shunting)	XL	300		
21	Walkie Talkie Harness, High Visibility, WATT/Similar and/or Equivalent, Reflective Safety Walkie Talkie Harness (Shunting)	2XL	100		
22	Walkie Talkie Harness, High Visibility, WATT/Similar and/or Equivalent, Reflective Safety Walkie Talkie Harness (Shunting)	3XL	50		
23	Rainwear, Rainsuit, WATT/Similar and/or Equivalent, Navy Parka	S:87-92cm	2		
24	Rainwear, Rainsuit, WATT/Similar and/or Equivalent, Navy Parka	M:97-102cm	30		
25	Rainwear, Rainsuit, WATT/Similar and/or Equivalent, Navy Parka	L:107-112cm	3		
26	Rainwear, Rainsuit, WATT/Similar and/or Equivalent, Navy Parka	XL:117-122cm	2		
27	Rainwear, Rainsuit, WATT/Similar and/or Equivalent, Navy Parka	2XL: 127-132cm	2		
28	Rainwear, Rainsuit, WATT/Similar and/or Equivalent, Navy Parka	3XL: 137-142cm	2		
29	Knee Pad		419		
30	<b>Skullcap</b> - Welding Clothing, Inherently Flame Resistant, Beier's/Similar and/or Equivalent, I-Flame thermal protection fabric, Welding, Grinding & Flame Cutting		3		

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Item	Description of PPE	Size of PPE	Quantity Per Unit	Unit Price Per Unit	Total Price
31	<b>Hood</b> - Welding Clothing, Inherently Flame Resistant, Beier's/Similar and/or Equivalent, I-Flame thermal protection fabric, Welding, Grinding & Flame Cutting		3		
32	<b>Sleeves</b> - Welding Clothing, Inherently Flame Resistant, Beier's/Similar and/or Equivalent, I-Flame thermal protection fabric, Welding, Grinding & Flame Cutting		12		
33	<b>Apron</b> - Welding Clothing, Inherently Flame Resistant, Beier's/Similar and/or Equivalent, I-Flame thermal protection fabric, Welding, Grinding & Flame Cutting		3		
34	<b>Spats</b> - Welding Clothing, Inherently Flame Resistant, Beier's/Similar and/or Equivalent, I-Flame thermal protection fabric, Welding, Grinding & Flame Cutting		12		
35	<b>Yoke</b> - Welding Clothing, Inherently Flame Resistant, Beier's/Similar and/or Equivalent, I-Flame thermal protection fabric, Welding, Grinding & Flame Cutting	S	1		
36	<b>Yoke</b> - Welding Clothing, Inherently Flame Resistant, Beier's/Similar and/or Equivalent, I-Flame thermal protection fabric, Welding, Grinding & Flame Cutting	M	1		
37	<b>Yoke</b> - Welding Clothing, Inherently Flame Resistant, Beier's/Similar and/or Equivalent, I-Flame thermal protection fabric, Welding, Grinding & Flame Cutting	L	1		

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Item	Description of PPE	Size of PPE	Quantity Per Unit	Unit Price Per Unit	Total Price
38	<b>Yoke</b> - Welding Clothing, Inherently Flame Resistant, Beier's/Similar and/or Equivalent, I-Flame thermal protection fabric, Welding, Grinding & Flame Cutting	XL	1		
39	<b>Yoke</b> - Welding Clothing, Inherently Flame Resistant, Beier's/Similar and/or Equivalent, I-Flame thermal protection fabric, Welding, Grinding & Flame Cutting	2XL	1		
40	<b>Yoke</b> - Welding Clothing, Inherently Flame Resistant, Beier's/Similar and/or Equivalent, I-Flame thermal protection fabric, Welding, Grinding & Flame Cutting	3XL	1		
41	<b>Jacket</b> - Welding Clothing, Inherently Flame Resistant, Beier's/Similar and/or Equivalent, I-Flame thermal protection fabric, Welding, Grinding & Flame Cutting	S	1		
42	<b>Jacket</b> - Welding Clothing, Inherently Flame Resistant, Beier's/Similar and/or Equivalent, I-Flame thermal protection fabric, Welding, Grinding & Flame Cutting	M	1		
43	<b>Jacket</b> - Welding Clothing, Inherently Flame Resistant, Beier's/Similar and/or Equivalent, I-Flame thermal protection fabric, Welding, Grinding & Flame Cutting	L	5		



Item	Description of PPE	Size of PPE	Quantity Per Unit	Unit Price Per Unit	Total Price
44	<b>Jacket</b> - Welding Clothing, Inherently Flame Resistant, Beier's/Similar and/or Equivalent, I-Flame thermal protection fabric, Welding, Grinding & Flame Cutting	XL	5		
45	<b>Jacket</b> - Welding Clothing, Inherently Flame Resistant, Beier's/Similar and/or Equivalent, I-Flame thermal protection fabric, Welding, Grinding & Flame Cutting	2XL	2		
46	<b>Jacket</b> - Welding Clothing, Inherently Flame Resistant, Beier's/Similar and/or Equivalent, I-Flame thermal protection fabric, Welding, Grinding & Flame Cutting	3XL	1		
47	<b>Trouser</b> - Welding Clothing, Inherently Flame Resistant, Beier's/Similar and/or Equivalent, I-Flame thermal protection fabric, Welding, Grinding & Flame Cutting	S	1		
48	<b>Trouser</b> - Welding Clothing, Inherently Flame Resistant, Beier's/Similar and/or Equivalent, I-Flame thermal protection fabric, Welding, Grinding & Flame Cutting	M	1		
49	<b>Trouser</b> - Welding Clothing, Inherently Flame Resistant, Beier's/Similar and/or Equivalent, I-Flame thermal protection fabric, Welding, Grinding & Flame Cutting	L	5		

Item	Description of PPE	Size of PPE	Quantity Per Unit	Unit Price Per Unit	Total Price
50	<b>Trouser</b> - Welding Clothing, Inherently Flame Resistant, Beier's/Similar and/or Equivalent, I-Flame thermal protection fabric, Welding, Grinding & Flame Cutting	XL	5		
51	<b>Trouser</b> - Welding Clothing, Inherently Flame Resistant, Beier's/Similar and/or Equivalent, I-Flame thermal protection fabric, Welding, Grinding & Flame Cutting	2XL	2		
52	<b>Trouser</b> - Welding Clothing, Inherently Flame Resistant, Beier's/Similar and/or Equivalent, I-Flame thermal protection fabric, Welding, Grinding & Flame Cutting	3XL	1		
53	<b>Gloves</b> - Welding Clothing, Inherently Flame Resistant, Beier's/Similar and/or Equivalent, I-Flame thermal protection fabric, Welding, Grinding & Flame Cutting	S	5		
54	<b>Gloves</b> - Welding Clothing, Inherently Flame Resistant, Beier's/Similar and/or Equivalent, I-Flame thermal protection fabric, Welding, Grinding & Flame Cutting	M	12		
55	<b>Gloves</b> - Welding Clothing, Inherently Flame Resistant, Beier's/Similar and/or Equivalent, I-Flame thermal protection fabric, Welding, Grinding & Flame Cutting	L	20		

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Item	Description of PPE	Size of PPE	Quantity Per Unit	Unit Price Per Unit	Total Price
56	<b>Gloves</b> - Welding Clothing, Inherently Flame Resistant, Beier's/Similar and/or Equivalent, I-Flame thermal protection fabric, Welding, Grinding & Flame Cutting	XL	20		
57	<b>Gloves</b> - Welding Clothing, Inherently Flame Resistant, Beier's/Similar and/or Equivalent, I-Flame thermal protection fabric, Welding, Grinding & Flame Cutting	2XL	20		
58	<b>Gloves</b> - Welding Clothing, Inherently Flame Resistant, Beier's/Similar and/or Equivalent, I-Flame thermal protection fabric, Welding, Grinding & Flame Cutting	3XL	5		
59	Leather Apron, 60cmx120cm, Welding, Grinding & Flame Cutting		22		
60	<b>Disposable Coverall Dust, Oil, Diesel:</b> Type 5 and Type 6, Disposable Coverall, Dust, Oil, Diesel, Paint & Asbestos	S	20		
61	<b>Disposable Coverall Dust, Oil, Diesel:</b> Type 5 and Type 6, Disposable Coverall, Dust, Oil, Diesel, Paint & Asbestos	M	15		
62	<b>Disposable Coverall Dust, Oil, Diesel:</b> Type 5 and Type 6, Disposable Coverall, Dust, Oil, Diesel, Paint & Asbestos	L	18519		
63	<b>Disposable Coverall Dust, Oil, Diesel:</b> Type 5 and Type 6, Disposable Coverall, Dust, Oil, Diesel, Paint & Asbestos	XL	17671		

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Item	Description of PPE	Size of PPE	Quantity Per Unit	Unit Price Per Unit	Total Price
64	<b>Disposable Coverall Dust, Oil, Diesel:</b> Type 5 and Type 6, Disposable Coverall, Dust, Oil, Diesel, Paint & Asbestos	2XL	28229		
65	<b>Disposable Coverall Dust, Oil, Diesel:</b> Type 5 and Type 6, Disposable Coverall, Dust, Oil, Diesel, Paint & Asbestos	3XL	50		
66	<b>Disposable Coverall Dust, Oil, Diesel:</b> Type 5 and Type 6, Disposable Coverall, Dust, Oil, Diesel, Paint & Asbestos	4XL	2		
67	<b>Disposable Coverall Paint:</b> Type 5 and Type 6, Disposable Coverall, Dust, Oil, Diesel, Paint & Asbestos	3XL	50		
68	Gloves, General Work, Safety, Wonder Grip, WG-787 Dexcut/Similar and/or Equivalent	S/7	643		
69	Gloves, General Work, Safety, Wonder Grip, WG-787 Dexcut/Similar and/or Equivalent	M/8	6579		
70	Gloves, General Work, Safety, Wonder Grip, WG-787 Dexcut/Similar and/or Equivalent	L/9	9182		
71	Gloves, General Work, Safety, Wonder Grip, WG-787 Dexcut/Similar and/or Equivalent	XL/10	8569		
72	Gloves, General Work, Safety, Wonder Grip, WG-787 Dexcut/Similar and/or Equivalent	2XL/11	700		
73	Gloves, General Work, Safety, Granberg, Protector 116.592/Similar and/or Equivalent	XS/6	270		
74	Gloves, General Work, Safety, Granberg, Protector 116.592/Similar and/or Equivalent	S/7	644		

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Item	Description of PPE	Size of PPE	Quantity Per Unit	Unit Price Per Unit	Total Price
75	Gloves, General Work, Safety, Granberg, Protector 116.592/Similar and/or Equivalent	M/8	6580		
76	Gloves, General Work, Safety, Granberg, Protector 116.592/Similar and/or Equivalent	L/9	9182		
77	Gloves, General Work, Safety, Granberg, Protector 116.592/Similar and/or Equivalent	XL/10	8571		
78	Gloves, General Work, Safety, Granberg, Protector 116.592/Similar and/or Equivalent	2XL/11	675		
79	Gloves, General Work, Safety, Granberg, Protector 116.592/Similar and/or Equivalent	3XL/12	525		
80	Gloves, Impact, Extreme Work (Breakdown, Shunting & Heavy Maintenance), Safety, Granberg, Cut Level D Impact Hi-Viz™ Protective Gloves 115.9001/Similar and/or Equivalent	S/7	5		
81	Gloves, Impact, Extreme Work (Breakdown, Shunting & Heavy Maintenance), Safety, Granberg, Cut Level D Impact Hi-Viz™ Protective Gloves 115.9001/Similar and/or Equivalent	M/8	10		
82	Gloves, Impact, Extreme Work (Breakdown, Shunting & Heavy Maintenance), Safety, Granberg, Cut Level D Impact Hi-Viz™ Protective Gloves 115.9001/Similar and/or Equivalent	L/9	30		

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Item	Description of PPE	Size of PPE	Quantity Per Unit	Unit Price Per Unit	Total Price
83	Gloves, Impact, Extreme Work (Breakdown, Shunting & Heavy Maintenance), Safety, Granberg, Cut Level D Impact Hi-Viz™ Protective Gloves 115.9001/Similar and/or Equivalent	XL/10	30		
84	Gloves, Impact, Extreme Work (Breakdown, Shunting & Heavy Maintenance), Safety, Granberg, Cut Level D Impact Hi-Viz™ Protective Gloves 115.9001/Similar and/or Equivalent	2XL/11	20		
85	Gloves, Impact, Extreme Work (Breakdown, Shunting & Heavy Maintenance), Safety, Granberg, Cut Level D Impact Hi-Viz™ Protective Gloves 115.9001/Similar and/or Equivalent	3XL/12	5		
86	Gloves, Extreme Oily, Safety, Granberg, 114.4279 /Similar and/or Equivalent, Assembly Gloves, Full Nitrile Microfoam Coating Unlined, Extreme Oily	S/7	2		
87	Gloves, Extreme Oily, Safety, Granberg, 114.4279 /Similar and/or Equivalent, Assembly Gloves, Full Nitrile Microfoam Coating Unlined, Extreme Oily	M/8	5		

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Item	Description of PPE	Size of PPE	Quantity Per Unit	Unit Price Per Unit	Total Price
88	Gloves, Extreme Oily, Safety, Granberg, 114.4279 /Similar and/or Equivalent, Assembly Gloves, Full Nitrile Microfoam Coating Unlined, Extreme Oily	L/9	5		
89	Gloves, Extreme Oily, Safety, Granberg, 114.4279 /Similar and/or Equivalent, Assembly Gloves, Full Nitrile Microfoam Coating Unlined, Extreme Oily	XL/10	5		
90	Gloves, Extreme Oily, Safety, Granberg, 114.4279 /Similar and/or Equivalent, Assembly Gloves, Full Nitrile Microfoam Coating Unlined, Extreme Oily	2XL/11	5		
91	Gloves, Extreme Oily, Safety, Granberg, 114.4279 /Similar and/or Equivalent, Assembly Gloves, Full Nitrile Microfoam Coating Unlined, Extreme Oily	3XL/12	2		
92	Leather Welding Glove, 8-inch cuff		50		
93	Leather Welding Glove, 16-inch cuff		372		
94	<b>Gloves Chemical:</b> Gloves, Chemical & Sandblast, Granberg, Chemstar 114.1000/Similar and/or Equivalent, Nitrile Chemical Resistant Gloves, 33cm length, 0.38mm thick	7	5		
95	<b>Gloves Chemical:</b> Gloves, Chemical & Sandblast, Granberg, Chemstar 114.1000/Similar and/or Equivalent, Nitrile Chemical Resistant Gloves, 33cm length, 0.38mm thick	8	305		

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Item	Description of PPE	Size of PPE	Quantity Per Unit	Unit Price Per Unit	Total Price
96	<b>Gloves Chemical:</b> Gloves, Chemical & Sandblast, Granberg, Chemstar 114.1000/Similar and/or Equivalent, Nitrile Chemical Resistant Gloves, 33cm length, 0.38mm thick	9	348		
97	<b>Gloves Chemical:</b> Gloves, Chemical & Sandblast, Granberg, Chemstar 114.1000/Similar and/or Equivalent, Nitrile Chemical Resistant Gloves, 33cm length, 0.38mm thick	10	55		
98	<b>Gloves Chemical:</b> Gloves, Chemical & Sandblast, Granberg, Chemstar 114.1000/Similar and/or Equivalent, Nitrile Chemical Resistant Gloves, 33cm length, 0.38mm thick	11	10		
99	<b>Gloves Chemical:</b> Gloves, Chemical & Sandblast, Granberg, Chemstar 114.1000/Similar and/or Equivalent, Nitrile Chemical Resistant Gloves, 33cm length, 0.38mm thick	12	5		
100	<b>Gloves Chemical:</b> Gloves, Chemical & Sandblast, Granberg, Chemstar 114.1046/Similar and/or Equivalent, Nitrile Chemical Resistant Gloves, 46cm length, 0.55mm thick	7	10		
101	<b>Gloves Chemical:</b> Gloves, Chemical & Sandblast, Granberg, Chemstar 114.1046/Similar and/or Equivalent, Nitrile Chemical Resistant Gloves, 46cm length, 0.55mm thick	8	600		



Item	Description of PPE	Size of PPE	Quantity Per Unit	Unit Price Per Unit	Total Price
102	<b>Gloves Chemical:</b> Gloves, Chemical & Sandblast, Granberg, Chemstar 114.1046/Similar and/or Equivalent, Nitrile Chemical Resistant Gloves, 46cm length, 0.55mm thick	9	600		
103	<b>Gloves Chemical:</b> Gloves, Chemical & Sandblast, Granberg, Chemstar 114.1046/Similar and/or Equivalent, Nitrile Chemical Resistant Gloves, 46cm length, 0.55mm thick	10	115		
104	<b>Gloves Chemical:</b> Gloves, Chemical & Sandblast, Granberg, Chemstar 114.1046/Similar and/or Equivalent, Nitrile Chemical Resistant Gloves, 46cm length, 0.55mm thick	11	15		
105	<b>Gloves Chemical:</b> Gloves, Chemical & Sandblast, Granberg, Chemstar 114.1046/Similar and/or Equivalent, Nitrile Chemical Resistant Gloves, 46cm length, 0.55mm thick	12	5		
106	Fall Protection - Fall Arrest Equipment, V-form Safety Harness, Back/Chest D-Ring, Qwik-Fit Leg Buckles, Latchways Mini Retractable Lanyard, Latchways Mini PFL, 1.8m, twin-leg with 36C snaphooks		100		

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North Corridor Personal Protective Equipment (PPE) Category 3 – Safety Footwear					
Item	Description of PPE	Size of PPE	Quantity Per Pair	Unit Price Per Pair	Total Price
1	Boots, Safety, Bova Trax Hiker 21013/Similar and/or Equivalent	3	4		
2	Boots, Safety, Bova Trax Hiker 21013/Similar and/or Equivalent	4	168		
3	Boots, Safety, Bova Trax Hiker 21013/Similar and/or Equivalent	5	479		
4	Boots, Safety, Bova Trax Hiker 21013/Similar and/or Equivalent	6	594		
5	Boots, Safety, Bova Trax Hiker 21013/Similar and/or Equivalent	7	974		
6	Boots, Safety, Bova Trax Hiker 21013/Similar and/or Equivalent	8	1149		
7	Boots, Safety, Bova Trax Hiker 21013/Similar and/or Equivalent	9	969		
8	Boots, Safety, Bova Trax Hiker 21013/Similar and/or Equivalent	10	555		
9	Boots, Safety, Bova Trax Hiker 21013/Similar and/or Equivalent	11	197		
10	Boots, Safety, Bova Trax Hiker 21013/Similar and/or Equivalent	12	29		
11	Boots, Safety, Bova Trax Hiker 21013/Similar and/or Equivalent	13	1		
12	Boots, Safety, Bova Trax Hiker 21013/Similar and/or Equivalent	14	1		

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Item	Description of PPE	Size of PPE	Quantity Per Pair	Unit Price Per Pair	Total Price
13	Gumboots, Safety, Shosholoza, ZBBSR/Similar and/or Equivalent	6	100		
14	Gumboots, Safety, Shosholoza, ZBBSR/Similar and/or Equivalent	7	53		
15	Gumboots, Safety, Shosholoza, ZBBSR/Similar and/or Equivalent	8	105		
16	Gumboots, Safety, Shosholoza, ZBBSR/Similar and/or Equivalent	9	89		
17	Gumboots, Safety, Shosholoza, ZBBSR/Similar and/or Equivalent	10	73		
18	Gumboots, Safety, Shosholoza, ZBBSR/Similar and/or Equivalent	11	50		
19	Socks, Safety, BOVA Anti-Bacterial Sox ACC12918/Similar and/or Equivalent		833		
20	Insoles Footwear; Elastopan, (Cushioned Footbed)/Similar and/or Equivalent	3	2		
21	Insoles Footwear; Elastopan, (Cushioned Footbed)/Similar and/or Equivalent	4	84		
22	Insoles Footwear; Elastopan, (Cushioned Footbed)/Similar and/or Equivalent	5	240		
23	Insoles Footwear; Elastopan, (Cushioned Footbed)/Similar and/or Equivalent	6	297		
24	Insoles Footwear; Elastopan, (Cushioned Footbed)/Similar and/or Equivalent	7	487		
25	Insoles Footwear; Elastopan, (Cushioned Footbed)/Similar and/or Equivalent	8	575		

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Item	Description of PPE	Size of PPE	Quantity Per Pair	Unit Price Per Pair	Total Price
26	Insoles Footwear; Elastopan, (Cushioned Footbed)/Similar and/or Equivalent	9	485		
27	Insoles Footwear; Elastopan, (Cushioned Footbed)/Similar and/or Equivalent	10	278		
28	Insoles Footwear; Elastopan, (Cushioned Footbed)/Similar and/or Equivalent	11	99		
29	Insoles Footwear; Elastopan, (Cushioned Footbed)/Similar and/or Equivalent	12	15		
30	Insoles Footwear; Elastopan, (Cushioned Footbed)/Similar and/or Equivalent	13	1		
31	Insoles Footwear; Elastopan, (Cushioned Footbed)/Similar and/or Equivalent	14	1		

## 11. Bidder Specification sign off

\_\_\_\_\_  
Signature

Company name:

Position:

Date:

**NB: Signing off this specification confirms that the bidder agrees with the requirements thereof.**

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