**ANNEXURE A**

**List of compulsory specifications and/or standards administered by NRCS where test services are required.**

**INDUSTRY 1: AUTOMOTIVE**

**NB: Prices must be fixed for the Sixty (60) months duration of the contract. Prices will be utilized for Price and Preference (Specific Goals) in accordance with SBD 6.1.**

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|  | **Compulsory Specification** | **Description of test required** | **Test Standard/method** | **Bidders to indicate whether the test method is accredited or not (attach accreditation schedule)**  **Y/N**  **Note 1:** If the test methods are not accredited, provide proof that they are in the process of being accredited with the requirements of ISO/IEC 17025 and/or documented evidence for the procedures for the test methods, and shall be confirmed by the NRCS. | **Price Including VAT** |
| 1 | VC 8013- Compulsory specification for hydraulic brake and clutch fluid | Hydraulic brake and clutch fluid | SANS 1905 |  |  |
| 2 | VC 8016 - Compulsory specification for safety helmets for motor cyclists | Protective helmets and visors for drivers and passengers of motorcycles and mopeds | SNAS 20022 |  |  |
| 3 | VC 8022 - Compulsory specification for motor vehicles of category M1  VC 8023 - Compulsory specification for motor vehicles of category M2 and M3  VC 8024 - Compulsory specification for motor vehicles of category N1  VC 8025 - Compulsory specification for motor vehicles of category N2 and N3 (Trucks)  VC 8026 - Compulsory specification for category O1 and O2 vehicles (caravans and light trailers)  VC 8027 - Compulsory specification for vehicles of category O3 and O4  VC 8057 - Compulsory specification for agricultural tractors | Installation of safety belts | SANS 10168 |  |  |
|  | Audible warning devices | SANS 10169 |  |  |
|  | Noise when stationery | SANS 10181 |  |  |
|  | Noise of vehicle in motion | SANS 10205 |  |  |
|  | Noise when stationery | SANS 10281 |  |  |
|  | Installation of lights | SANS 1046 |  |  |
| 4 | Interior fittings | SANS 1047 |  |  |
|  | Windscreens | SANS 1191 |  |  |
|  | Windows and partitions | SANS 1193 |  |  |
|  | Antitheft Devices | SANS 1248 |  |  |
|  | Head restraints | SANS 1269 |  |  |
|  | Seats and seat anchorages | SANS 1429 |  |  |
| 5 | Restraining devices anchorages | SANS 1430 |  |  |
|  | Rearview mirrors | SANS 1436 |  |  |
|  | Steering mechanism | SANS 1440 |  |  |
|  | Speedometers | SANS 1441 |  |  |
|  | Door latches and hinges | SANS 1443 |  |  |
| 6 | Roll-over protection structures for wheeled agricultural tractors | SANS 1468 |  |  |
|  | Seats and seat anchorages (for Heavy passenger vehicles) | SANS 1563 |  |  |
|  | Roll over protection (Super structure) | SANS 1564 |  |  |
|  | Electrical connectors | SANS ISO 11446 |  |  |
| 7 | Electrical connectors | SANS ISO 12098 |  |  |
|  | Headlights | SANS 20001 |  |  |
|  | Retro reflecting devices | SANS 20003 |  |  |
|  | Rear Registration lights | SANS 20004 |  |  |
|  | Headlights | SANS 20005 |  |  |
|  | Direction indicator lamps | SANS 20006 |  |  |
| 8 | Front positioning, Rear positioning and stop lamps | SANS 20007 |  |  |
|  | Headlights | SANS 20008 |  |  |
|  | Headlights | SANS 20020 |  |  |
|  | Reversing lights | SANS 20023 |  |  |
|  | Headlights | SANS 20031 |  |  |
|  | Incandescent lamps | SANS 20037 |  |  |
| 9 | Installation of lights | SANS 20048 |  |  |
|  | Vehicle engine emissions (For Heavy vehicles) | SANS 20049 |  |  |
|  | Coupling and towing devices | SANS 20055 |  |  |
|  | Vehicle engine emissions | SANS 20083 |  |  |
|  | Installation of lights for Agricultural vehicles | SANS 20086 |  |  |
|  | Side marker lamps | SANS 20091 |  |  |
|  | Vehicle engine emissions (For Agricultural tractors) | SANS 20096 |  |  |
|  | Electric power train (For Electric vehicles) | SANS 20100 |  |  |
|  | Fuel economy and carbon dioxide determination | SANS 20101 |  |  |
|  | Determination of performance of internal combustion engine for agricultural tractors | SANS 10013 - 3 |  |  |
|  | Light source/ incandescent lights | SANS 1376-1 |  |  |
|  | Headlights | SANS 1376-2 |  |  |
|  | Secondary lights | SANS 1376-3 |  |  |
|  | Braking | SANS ECE R13 |  |  |
|  | Radio and television interference/Electro-magnetic interference | SANS 20010 |  |  |
|  | Braking | SANS R13H |  |  |
|  | Rear Underrun protection Device | SANS 1055 |  |  |
|  | Restraining devices (Safety belts) | SANS 1080 |  |  |
| 10 | VC 8048 - Compulsory specification for replacement incandescent lamps for motor vehicles | Light source/incandescent lamps | SANS 1376 - 1 |  |  |
| 11 | VC 8049 - Compulsory specification for replacement headlights for motor vehicles | Headlights | SANS 1376 - 2 |  |  |
| 12 | VC 8050 - Compulsory specification for replacement secondary lights for motor vehicles | Secondary lights | SANS 1376 - 3 |  |  |
| 13 | VC 8033 - Compulsory specification for child restraints for use in motor vehicles (Baby seats) | Child restraining devices | SANS 20044 |  |  |
| 14 | VC 8051 - Compulsory specification for replacement safety glass for use in road vehicles | Windscreens, windows, safety glazing | SANS 1191,  SANS 1193 or  SANS 20043 |  |  |
| 15 | VC 8053 - Compulsory specification for replacement brake lining assembles for road vehicles | Replacement brake lining assemblies for road vehicles | SANS 20090 |  |  |
| 16 | VC 8056 - Compulsory specification for pneumatic tyres for passenger cars and trailers | Pneumatic tyres for passenger vehicles and their trailers | SANS 20030 |  |  |
| 17 | VC 8059 - Compulsory specification for pneumatic tyres for commercial vehicles and their trailers | Pneumatic tyres for commercial vehicles and their trailers | SANS 20054 |  |  |
| 18 | VC 8065 - Compulsory specification for ball type couplings and towing brackets for towing caravans and light trailers | Ball type couplings and towing brackets for towing caravans and light trailers | SANS 1505 part 1 - 3 |  |  |
| 19 | VC 9098 - Compulsory specification for motor vehicles of category L | Installation of lighting | SANS 20048  SANS 20053  SANS 20074 |  |  |
|  | Lights and signaling devices | SANS 20050  SANS 20056  SANS 20057  SANS 20076  SANS 20072  SANS 20082 |  |  |
|  | Retro-reflective devices | SANS 20003 |  |  |
|  | Safety Glazing | SANS 20043 |  |  |
|  | Braking | SANS 20078 |  |  |
|  | Audible warning devices | SANS 20028 |  |  |
|  | Speedometer | SANS 20039 |  |  |
|  | Gaseous emissions | SANS 20040  SANS 20047 |  |  |
|  | Tyres | SANS 20075  SANS 20088 |  |  |
|  | Devices to prevent unauthorized use | SANS 20062 |  |  |
|  | Rear view mirrors | SANS 20081 |  |  |
|  | Noise emission | SANS 20009  SANS 20041  SANS 200063 |  |  |
|  | Tell-tales. | SANS 20060 |  |  |
| 20 | VC 8080 - Replacement elastomeric cups and seals for hydraulic brake actuating cylinders for use in motor vehicles using non-petroleum base hydraulic brake fluid (service temperature  700C to 1500C max | Elastomeric cups and seals for hydraulic brake actuating cylinders for use in motor vehicles using non-petroleum base hydraulic brake fluid | SANS 206/ISO 6119  SANS 4928/ISO 4928  SANS 4930/ISO 4930 |  |  |

**INDUSTRY 2: CHEMICALS, MECHANICAL AND MATERIALS**

**NB: Prices must be fixed for the Sixty (60) months duration of the contract. Prices will be utilized for Price and Preference (Specific Goals) in accordance with SBD 6.1.**

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|  | **Compulsory Specification** | **Description** | **Test standard/method** | **Bidders to indicate whether the test method is accredited or not (attach accreditation schedule)**  **Y/N** | **Price Including VAT** |
| 1 | VC9089:2013 | Non-pressure paraffin stoves and heaters | SANS 1906 |  |  |
|  |  |  |  |  |  |
| 2 | VC8076:2002 | The safety of lighters | SANS 9994 |  |  |
|  |  |  |  |  |  |
| 3 | VC8041:2001 | Microbiological safety cabinets (Classes I) | VC8041:2001 |  |  |
|  | VC8041:2001 | Microbiological safety cabinets (Classes II) | VC8041:2001 |  |  |
|  | VC8041:2001 | Microbiological safety cabinets (Classes III) | VC8041:2001 |  |  |
| 4 | VC9085:2007 | Common cement | SANS 50197-1 |  |  |
|  | VC9085:2007 | Masonry cement | SANS 50413-1 |  |  |
|  | VC9085:2007 | Portland-composite cement CEM II/C-M and Composite cement CEM VI | SANS 50197-5 |  |  |
| 5 | VC8072:2011 | Respirators (Powered filtering devices incorporating a helmet or a hood) | SANS 12941 |  |  |
|  | VC8072:2011 | Respirators (Power assisted filtering devices incorporating full-face masks, half masks or quarter masks) | SANS12942 |  |  |
|  | VC8072:2011 | Respirators (Full-face masks) | SANS 50136 |  |  |
|  | VC8072:2011 | Respirators (Self-contained open-circuit compressed air breathing apparatus) | SANS 50137 |  |  |
|  | VC8072:2011 | Respirators (Fresh air hose breathing apparatus for use with full-face mask, half mask or mouthpiece assembly) | SANS 50138 |  |  |
|  | VC8072:2011 | Respirators (Compressed air line breathing apparatus with demand valve for use with a full-face mask) | SANS 54593-1 |  |  |
|  | VC8072:2011 | Respirators (Compressed air line breathing apparatus with demand valve for use with a half mask at positive pressure ) | SANS 54593-2 |  |  |
|  | VC8072:2011 | Respirators (Powered fresh air hose breathing apparatus incorporating a hood) | SANS 50269 |  |  |
|  | VC8072:2011 | Respirators (Continuous flow compressed air line breathing apparatus) | SANS 54594 |  |  |
|  | VC8072:2011 | Respirators (Half masks and quarter masks) | SANS 50140) |  |  |
|  | VC8072:2011 | Respirators (Half masks without inhalation valves and with separable filters to protect against gases or gases and particles or particles only) | SANS 51827 |  |  |
|  | VC8072:2011 | Respirators (Gas filters and combined filters) | SANS 54387 |  |  |
|  | VC8072:2011 | Respirators (Filters for connection by means of breathing hoses to facepieces) | SANS 275 |  |  |
|  | VC8072:2011 | Respirators (Particle filters) | SANS 50143 |  |  |
|  | VC8072:2011 | Respirators (Self-contained closed-circuit breathing apparatus of the compressed oxygen or compressed oxygen-nitrogen type) | SANS 50145 |  |  |
|  | VC8072:2011 | Respirators (Filtering half masks to protect against particles) | SANS 50149 |  |  |
|  | VC8072:2011 | Respirators (Self-contained closed-circuit breathing apparatus for escape) | SANS 53794 |  |  |
|  | VC8072:2011 | Respirators (Self-contained open-circuit compressed air breathing apparatus with full-face mask or mouthpiece assembly for escape) | SANS 50402 |  |  |
|  | VC8072:2011 | Respirators (Filtering devices with hood for self-rescue from fire) | SANS 50403 |  |  |
|  | VC8072:2011 | Respirators (Filter self-rescuers for protection against carbon monoxide) | SANS 50404 |  |  |
|  | VC8072:2011 | Respirators (Valved filtering half masks to protect against gases or gases and particles) | SANS 50405 |  |  |
|  | VC8072:2011 | Respirators (Compressed air escape apparatus with a hood) | SANS 51146 |  |  |
|  | VC8072:2011 | Mouthpiece assemblies | SANS 50142 |  |  |
| 6 | VC8032:2009 | Personal flotation aids (Buoyancy aids (level 50)) | SANS 12402-5 |  |  |
|  |  |  |  |  |  |
|  | VC8032:2009 | Personal flotation aids (Lifejackets for inland/close to shore conditions (level 100)) | SANS 12402-4 |  |  |
|  | VC8032:2009 | Personal flotation aids (Lifejackets for offshore conditions (level 150)) | SANS 12402-3 |  |  |
|  | VC8032:2009 | Personal flotation aids (Lifejackets for extreme offshore conditions (level 275)) | SANS 12402-2 |  |  |
|  | VC8032:2009 | Personal flotation aids (Lifejackets for seagoing ships) | SANS 12402-1 |  |  |
|  |  |  |  |  |  |
| 7 | VC9002:2011 | Safety Footwear | SANS 20345 |  |  |
| 8 | VC9090:2009 | Swimming aids (Swimming aids that are carried or worn on the body) | SANS 53138-1 |  |  |
|  | VC9090:2009 | Swimming aids (Swim seats) | SANS 53138-3 |  |  |
| 9 | VC8054:2017 | Chemical disinfectants | SANS 51276  SANS 51650  SANS 53704  SANS 53510  SANS 53727  SANS 53624  SANS 54476 |  |  |
| 10 | VC8087:2003 | Plastic carrier bags and flat bags | SANS 695 |  |  |

**INDUSTRY 3: ELECTROTECHNICAL**

**NB: Prices must be fixed for the Sixty (60) moths duration of the contract. Prices will be utilized for Price and Preference (Specific Goals) in accordance with SBD 6.1.**

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| **#** | **Compulsory Specification** | **Description of test** | **Test Standard/method** | **Bidders to indicate whether the test method is accredited or not (attach accreditation schedule)**  **Y/N** | **Price Including VAT** |
| 1 | VC8055 - Electrical and Electronics Apparatus | Safety - Appliances - General | SANS/IEC 60335-1 |  |  |
| 1 | VC8055 - Electrical and Electronics Apparatus | Part 2: Particular requirements for vacuum cleaners & water suction appliance and similar appliances | SANS IEC 60 335-2-2 |  |  |
| 1 | VC8055 - Electrical and Electronics Apparatus | Part 2: Particular requirements for electric irons | SANS IEC 60 335-2-3 |  |  |
| 1 | VC8055 - Electrical and Electronics Apparatus | Part 2: Particular requirements for spin extractors | SANS 60335-2-4 |  |  |
| 1 | VC8055 - Electrical and Electronics Apparatus | Part 2: Particular requirements for dishwashers | SANS IEC 60 335-2-5 |  |  |
| 1 | VC8055 - Electrical and Electronics Apparatus | Part 2: Particular requirements for cooking ranges, cooking tables, ovens & similar appliances | SANS IEC 60 335-2-6 |  |  |
| 1 | VC8055 - Electrical and Electronics Apparatus | Part 2: Particular requirements for washing machines | SANS IEC 60 335-2-7 |  |  |
| 1 | VC8055 - Electrical and Electronics Apparatus | Part 2: Particular requirements for shavers, hair clippers and similar appliances | SANS IEC 60 335-2-8 |  |  |
| 1 | VC8055 - Electrical and Electronics Apparatus | Part 2: Particular requirements for toasters, grills, roasters & similar appliances | SANS IEC 60 335-2-9 |  |  |
| 1 | VC8055 - Electrical and Electronics Apparatus | Part 2: Particular requirements for floor treatment machines & wet scrubbing machines | SANS IEC 60 335-2-10 |  |  |
| 1 | VC8055 - Electrical and Electronics Apparatus | Part 2: Particular requirements for tumble dryers | SANS IEC 60 335-2-11 |  |  |
| 1 | VC8055 - Electrical and Electronics Apparatus | Part 2: Particular requirements for warming plates & similar appliances | SANS IEC 60 335-2-12 |  |  |
| 1 | VC8055 - Electrical and Electronics Apparatus | Part 2: Particular requirements for deep fat fryers, frying pans & similar appliances | SANS IEC 60 335-2-13 |  |  |
| 1 | VC8055 - Electrical and Electronics Apparatus | Part 2: Particular requirements for electric kitchen machines | SANS IEC 60 335-2-14 |  |  |
| 1 | VC8055 - Electrical and Electronics Apparatus | Part 2: Particular requirements for appliances for heating liquids | SANS IEC 60 335-2-15 |  |  |
| 1 | VC8055 - Electrical and Electronics Apparatus | Part 2: Particular requirements for appliances for food waste disposers | SANS IEC 60 335-2-16 |  |  |
| 1 | VC8055 - Electrical and Electronics Apparatus | Part 2: Particular requirements for electric blankets & similar appliances | SANS IEC 60 335-2-17 |  |  |
| 1 | VC8055 - Electrical and Electronics Apparatus | Part 2: Particular requirements for appliances for storage water heaters | SANS IEC 60 335-2-21 |  |  |
| 1 | VC8055 - Electrical and Electronics Apparatus | Part 2: Particular requirements for appliances for appliances for skin and hair care | SANS IEC 60 335-2-23 |  |  |
| 1 | VC8055 - Electrical and Electronics Apparatus | Part 2: Particular requirements for appliances for Refrigerators, food freezers and ice makers | SANS IEC 60 335-2-24 |  |  |
| 1 | VC8055 - Electrical and Electronics Apparatus | Part 2: Particular requirements for microwave ovens | SANS IEC 60 335-2-25 |  |  |
| 1 | VC8055 - Electrical and Electronics Apparatus | Part 2: Particular requirements for clocks | SANS IEC 60 335-2-26 |  |  |
| 1 | VC8055 - Electrical and Electronics Apparatus | Part 2: Particular requirements for appliances for skin exposure to ultra violet & infra-red radiation | SANS IEC 60 335-2-27 |  |  |
| 1 | VC8055 - Electrical and Electronics Apparatus | SA Standard Specification Safety of household and similar electrical appliances Part 2: Particular requirements for sewing machines | SANS IEC 60 335-2-28 |  |  |
| 1 | VC8055 - Electrical and Electronics Apparatus | Part 2: Particular requirements for battery charges | SANS IEC 60 335-2-29 |  |  |
| 1 | VC8055 - Electrical and Electronics Apparatus | Part 2: Particular requirements for room heaters | SANS IEC 60 335-2-30 |  |  |
| 1 | VC8055 - Electrical and Electronics Apparatus | Part 2: Particular requirements for range hoods | SANS IEC 60 335-2-31: |  |  |
| 1 | VC8055 - Electrical and Electronics Apparatus | Part 2: Particular requirements for massage appliances | SANS IEC 60 335-2-32 |  |  |
| 1 | VC8055 - Electrical and Electronics Apparatus | Part 2: Particular requirements for motor compressors | SANS IEC 60 335-2-34 |  |  |
| 1 | VC8055 - Electrical and Electronics Apparatus | Part 2: Particular requirements for instantaneous water heaters | SANS IEC 60 335-2-35 |  |  |
| 1 | VC8055 - Electrical and Electronics Apparatus | Part 2: Particular requirements for commercial electric cooking ranges, ovens, hobs & hob elements | SANS IEC 60 335-2-36 |  |  |
| 1 | VC8055 - Electrical and Electronics Apparatus | Part 2: Particular requirements for commercial electric deep fat fryers | SANS IEC 60 335-2-37 |  |  |
| 1 | VC8055 - Electrical and Electronics Apparatus | Part 2: Particular requirements for commercial electric grillers& griddle grills | SANS IEC 60 335-2-38 |  |  |
| 1 | VC8055 - Electrical and Electronics Apparatus | Part 2: Particular requirements for commercial electric multi purpose cooking pans | SANS IEC 60 335-2-39 |  |  |
| 1 | VC8055 - Electrical and Electronics Apparatus | Part 2: Particular requirements for electric heat pumps, air conditioners & dehumidifiers | SANS IEC 60 335-2-40 |  |  |
| 1 | VC8055 - Electrical and Electronics Apparatus | Part 2: Particular requirements for electric pumps for liquids having a temperature not exceeding 35 C | SANS IEC 60 335-2-41 |  |  |
| 1 | VC8055 - Electrical and Electronics Apparatus | Part 2: Particular requirements for commercial electric faced convection ovens, steam cookers & steam convection ovens | SANS IEC 60 335-2-42 |  |  |
| 1 | VC8055 - Electrical and Electronics Apparatus | Part 2: Particular requirements for clothes dryers & towel rails | SANS IEC 60 335-2-43 |  |  |
| 1 | VC8055 - Electrical and Electronics Apparatus | Part 2: Particular requirements for electric ironers | SANS IEC 60 335-2-44 |  |  |
| 1 | VC8055 - Electrical and Electronics Apparatus | Part 2: Particular requirements for portable electric heating tools & similar appliances | SANS IEC 60 335-2-45 |  |  |
| 1 | VC8055 - Electrical and Electronics Apparatus | Part 2: Particular requirements for commercial electric boiling pans | SANS IEC 60 335-2-47 |  |  |
| 1 | VC8055 - Electrical and Electronics Apparatus | Part 2:Particular requirements for commercial electrical grillers and toasters | SANS IEC 60 335-2-48 |  |  |
| 1 | VC8055 - Electrical and Electronics Apparatus | Part 2: Particular requirements for commercial electric hot cupboards | SANS IEC 60 335-2-49 |  |  |
| 1 | VC8055 - Electrical and Electronics Apparatus | Part 2: Particular requirements for commercial bains-marie | SANS IEC 60 335-2-50 |  |  |
| 1 | VC8055 - Electrical and Electronics Apparatus | Part 2: Particular requirements for stationary circulation pumps for heating & service water installations | SANS IEC 60 335-2-51 |  |  |
| 1 | VC8055 - Electrical and Electronics Apparatus | Part 2: Particular requirements for oral hygiene appliances | SANS IEC 60 335-2-52 |  |  |
| 1 | VC8055 - Electrical and Electronics Apparatus | Part 2: Particular requirements for sauna heating appliances | SANS IEC 60 335-2-53 |  |  |
| 1 | VC8055 - Electrical and Electronics Apparatus | Part 2: Particular requirements for surface-cleaning appliances employing liquids | SANS IEC 60 335-2-54 |  |  |
| 1 | VC8055 - Electrical and Electronics Apparatus | Part 2: Particular requirements for electric appliances for use with aquariums & garden ponds | SANS IEC 60 335-2-55 |  |  |
| 1 | VC8055 - Electrical and Electronics Apparatus | Part 2: Particular requirements for projectors & similar appliances | SANS IEC 60 335-2-56 |  |  |
| 1 | VC8055 - Electrical and Electronics Apparatus | Part 2: Particular requirements for ice-cream appliances with incorporated motor compressors | SANS IEC 60 335-2-57 |  |  |
| 1 | VC8055 - Electrical and Electronics Apparatus | Part 2: Particular requirements for commercial electric dishwashing machines | SANS IEC 60 335-2-58 |  |  |
| 1 | VC8055 - Electrical and Electronics Apparatus | Part 2: Particular requirements for insect killers | SANS IEC 60 335-2-59 |  |  |
| 1 | VC8055 - Electrical and Electronics Apparatus | Part 2: Particular requirements for whirlpool baths & similar equipment | SANS IEC 60 335-2-60 |  |  |
| 1 | VC8055 - Electrical and Electronics Apparatus | Part 2: Particular requirements for thermal storage room heaters | SANS IEC 60 335-2-61 |  |  |
| 1 | VC8055 - Electrical and Electronics Apparatus | Part 2: Particular requirements for commercial electric rinsing sinks | SANS IEC 60 335-2-62 |  |  |
| 1 | VC8055 - Electrical and Electronics Apparatus | Part 2: Particular requirements for commercial electric water boilers and liquid heaters | SANS IEC 60 335-2-63 |  |  |
| 1 | VC8055 - Electrical and Electronics Apparatus | Part 2: Particular requirements for commercial electric kitchen machines | SANS IEC 60 335-2-64 |  |  |
| 1 | VC8055 - Electrical and Electronics Apparatus | Part 2: Particular requirements for air-cleaning appliances | SANS IEC 60 335-2-65 |  |  |
| 1 | VC8055 - Electrical and Electronics Apparatus | Part 2: Particular requirements for water bed heaters | SANS IEC 60 335-2-66 |  |  |
| 1 | VC8055 - Electrical and Electronics Apparatus | Part 2: Particular requirements for floor treatment and floor cleaning machines, for industrial and commercial use | SANS IEC 60 335-2-67 |  |  |
| 1 | VC8055 - Electrical and Electronics Apparatus | Part 2: Particular requirements for spray extraction appliances, for industrial and commercial use | SANS IEC 60 335-2-68 |  |  |
| 1 | VC8055 - Electrical and Electronics Apparatus | Part 2: Particular requirements for wet and ry vacuum cleaners, including power brush for commercial use | SANS IEC 60 335-2-69 |  |  |
| 1 | VC8055 - Electrical and Electronics Apparatus | Part 2: Particular requirements for milking machines | SANS IEC 60 335-2-70 |  |  |
| 1 | VC8055 - Electrical and Electronics Apparatus | Part 2: Particular requirements for electrical heating appliances for breeding and rearing animals | SANS IEC 60 335-2-71 |  |  |
| 1 | VC8055 - Electrical and Electronics Apparatus | Part 2: Particular requirements for floor treatment machines with or without tracksion drive, for commercial use | SANS IEC 60 335-2-72 |  |  |
| 1 | VC8055 - Electrical and Electronics Apparatus | Part 2: Particular requirements for fixed immersion Heaters | SANS IEC 60 335-2-73 |  |  |
| 1 | VC8055 - Electrical and Electronics Apparatus | Part 2: Particular requirements for portable immersion Heaters | SANS IEC 60 335-2-74 |  |  |
| 1 | VC8055 - Electrical and Electronics Apparatus | Part 2: Particular requirements for commercial dispencing appliances and vending machines | SANS IEC 60 335-2-75 |  |  |
| 1 | VC8055 - Electrical and Electronics Apparatus | Part 2: Particular requirements for electric fence energizers | SANS IEC 60 335-2-76 |  |  |
| 1 | VC8055 - Electrical and Electronics Apparatus | Part 2: Particular requirements for pedestrian controlled mains operated lawnmowers | SANS IEC 60 335-2-77 |  |  |
| 1 | VC8055 - Electrical and Electronics Apparatus | Part 2: Particular requirements for outdoor barbeques | SANS IEC 60 335-2-78 |  |  |
| 1 | VC8055 - Electrical and Electronics Apparatus | Part 2: Particular requirements for high pressure cleaners and steam cleaners, for industrial and commercial use | SANS IEC 60 335-2-79 |  |  |
| 1 | VC8055 - Electrical and Electronics Apparatus | Part 2: Particular requirements for fans | SANS IEC 60 335-2-80 |  |  |
| 1 | VC8055 - Electrical and Electronics Apparatus | Part 2: Particular requirements for food warmers and heating mats | SANS IEC 60 335-2-81 |  |  |
| 1 | VC8055 - Electrical and Electronics Apparatus | Part 2: Particular requirements for amusement machines and personal service machines | SANS IEC 60 335-2-82 |  |  |
| 1 | VC8055 - Electrical and Electronics Apparatus | Part 2: Particular requirements for heated gullies for roof drainage | SANS IEC 60 335-2-83 |  |  |
| 1 | VC8055 - Electrical and Electronics Apparatus | Part 2: Particular requirements for toilets | SANS IEC 60 335-2-84 |  |  |
| 1 | VC8055 - Electrical and Electronics Apparatus | Part 2: Particular requirements for fabric steamers | SANS / IEC 60335-2-85 |  |  |
| 1 | VC8055 - Electrical and Electronics Apparatus | Part 2: Particular requirements for electric fishing machine | SANS / IEC 60335-2-86 |  |  |
| 1 | VC8055 - Electrical and Electronics Apparatus | Part 2: Particular requirements for electrical animal stunning equipment | SANS / IEC 60335-2-87 |  |  |
| 1 | VC8055 - Electrical and Electronics Apparatus | Part 2: Particular requirements for humidifiers intended for use with heating, ventalation, or air-conditioning systems | SANS / IEC 60335-2-88 |  |  |
| 1 | VC8055 - Electrical and Electronics Apparatus | Part 2: Particular requirements for commercial refrigerating appliances with an incorperated or remote refrigerant unit or compressor | SANS / IEC 60335-2-89 |  |  |
| 1 | VC8055 - Electrical and Electronics Apparatus | Part 2: Particular requirements for commercial microwave ovens | SANS / IEC 60335-2-90 |  |  |
| 1 | VC8055 - Electrical and Electronics Apparatus | Part 2: Particular requirements for walk-behind and hand held lawn trimmers and lawn edge trimmers | SANS IEC 60 335-2-91 |  |  |
| 1 | VC8055 - Electrical and Electronics Apparatus | Part 2:Particular requirements for pedestrian-controlled mains-operated lawn scarifiers and aerators | SANS IEC 60 335-2-92 |  |  |
| 1 | VC8055 - Electrical and Electronics Apparatus | " Part 2: Particular requirements for scissors type grass shears | SANS IEC 60 335-2-94 |  |  |
| 1 | VC8055 - Electrical and Electronics Apparatus | Part 2: Particular requirements for drives for vertically moving garage doors for residential use | SANS IEC 60 335-2-95 |  |  |
| 1 | VC8055 - Electrical and Electronics Apparatus | Part 2: Particular requirements for drives for rolling shutters, awnings, blinds and similar equipment | SANS IEC 60 335-2-97 |  |  |
| 1 | VC8055 - Electrical and Electronics Apparatus | Part 2: Particular requirements for drives for humidifiers | SANS IEC 60 335-2-98 |  |  |
| 1 | VC8055 - Electrical and Electronics Apparatus | Part 2: Particular requirements for commercial hoods | SANS IEC 60335-2-99 |  |  |
| 1 | VC8055 - Electrical and Electronics Apparatus | Part 2: Particular requirements for garden blowers, vacuum | SANS /IEC 60335-2-100 |  |  |
| 1 | VC8055 - Electrical and Electronics Apparatus | Part 2: Particular requirements for vaporizers | SANS /IEC60335-2-101 |  |  |
| 1 | VC8055 - Electrical and Electronics Apparatus | Gas, oil, fuel applinces | SANS IEC 60335-2-102 |  |  |
| 1 | VC8055 - Electrical and Electronics Apparatus | Drives for gates, doors and winter | SANS IEC 60335-2-103 |  |  |
| 1 | VC8055 - Electrical and Electronics Apparatus | Appliances for regaining refrigeration gas | SANS IEC 60335-2-104 |  |  |
| 1 | VC8055 - Electrical and Electronics Apparatus | Electrical showering cabinets | SANS IEC 60335-2-105 |  |  |
| 1 | VC8055 - Electrical and Electronics Apparatus | Part 2: Particular requirements for heated carpets and for heating units for room heating installed under removable floor coverings | SANS IEC 60335-2-106 |  |  |
| 1 | VC8055 - Electrical and Electronics Apparatus | Part 2: Particular requirements for robotic battery powered electrical lawnmowers | SANS IEC 60335-2-107 |  |  |
| 1 | VC8055 - Electrical and Electronics Apparatus | UV Radiation treatment equipment | SANS IEC 60335-2-109 |  |  |
| 1 | VC8055 - Electrical and Electronics Apparatus | Commercial microwaves | SANS 60335-2-110 |  |  |
| 1 | VC8055 - Electrical and Electronics Apparatus | SA Standard Specification Safety of hand-held motor operated electric tools Part 1: General requirements | SANS IEC 60745-1 |  |  |
| 1 | VC8055 - Electrical and Electronics Apparatus | Part 2: Particular requirements for drills | SANS IEC 60745-2-1 |  |  |
| 1 | VC8055 - Electrical and Electronics Apparatus | Part 2: Particular requirements for screwdrivers and impact wrenches | SANS IEC 60745-2-2 |  |  |
| 1 | VC8055 - Electrical and Electronics Apparatus | Part 2: Particular requirements for grinders, polishers and disk-type sanders | SANS IEC 60745-2-3 |  |  |
| 1 | VC8055 - Electrical and Electronics Apparatus | Part 2: Particular requirements for sanders | SANS IEC 60745-2-4 |  |  |
| 1 | VC8055 - Electrical and Electronics Apparatus | Part 2: Particular requirements for circular saws and circular knives | SANS IEC 60745-2-5 |  |  |
| 1 | VC8055 - Electrical and Electronics Apparatus | Part 2: Particular requirements for hammers | SANS IEC 60745-2-6 |  |  |
| 1 | VC8055 - Electrical and Electronics Apparatus | Part 2: Particular requirements for spray guns for non-flamable liquids | SANS IEC 60745-2-7 |  |  |
| 1 | VC8055 - Electrical and Electronics Apparatus | Part 2: Particular requirements for sheet metal shears | SANS IEC 60745-2-8 |  |  |
| 1 | VC8055 - Electrical and Electronics Apparatus | Part 2: Particular requirements for tappers | SANS IEC 60745-2-9 |  |  |
| 1 | VC8055 - Electrical and Electronics Apparatus | Part 2: Particular requirements for reciprocating saws (jig and sabre) | SANS IEC 60745-2-11 |  |  |
| 1 | VC8055 - Electrical and Electronics Apparatus | Part 2: Particular requirements for concrete vibrators (internal vibrators) | SANS IEC 60745-2-12 |  |  |
| 1 | VC8055 - Electrical and Electronics Apparatus | Part 2: Particular requirements for chain saws | SANS IEC 60745-2-13 |  |  |
| 1 | VC8055 - Electrical and Electronics Apparatus | Part 2: Particular requirements for planers | SANS IEC 60745-2-14 |  |  |
| 1 | VC8055 - Electrical and Electronics Apparatus | Part 2: Particular requirements for hedge trimmers and grass shears | SANS IEC 60745-2-15 |  |  |
| 1 | VC8055 - Electrical and Electronics Apparatus | Part 2: Particular requirements for tackers | SANS IEC 60745-2-16 |  |  |
| 1 | VC8055 - Electrical and Electronics Apparatus | Part 2: Particular requirements for routers and trimmers | SANS IEC 60745-2-17 |  |  |
| 1 | VC8055 - Electrical and Electronics Apparatus | Safety Part 2: Particular requirements for strapping tools | SANS IEC 60745-2-18 |  |  |
| 1 | VC8055 - Electrical and Electronics Apparatus | Part 2: Particular requirements for jointers | SANS IEC 60745-2-19 |  |  |
| 1 | VC8055 - Electrical and Electronics Apparatus | Part 2: Particular requirements for band saws | SANS IEC 60745-2-20 |  |  |
| 1 | VC8055 - Electrical and Electronics Apparatus | Safety of transportable motor-operated electric tools Part 1: General requirements | SANS IEC 61029-1 |  |  |
| 1 | VC8055 - Electrical and Electronics Apparatus | Part 2: Particular requirements for circular saws | SANS IEC 61029-2-1 |  |  |
| 1 | VC8055 - Electrical and Electronics Apparatus | Part 2: Particular requirements for radial arm saws | SANS IEC 61029-2-2 |  |  |
| 1 | VC8055 - Electrical and Electronics Apparatus | Part 2: Particular requirements for planers and thicknessers | SANS IEC 61029-2-3 |  |  |
| 1 | VC8055 - Electrical and Electronics Apparatus | Part 2: Particular requirements for bench grinders | SANS IEC 61029-2-4 |  |  |
| 1 | VC8055 - Electrical and Electronics Apparatus | Part 2: Particular requirements for band saws | SANS IEC 61029-2-5 |  |  |
| 1 | VC8055 - Electrical and Electronics Apparatus | Part 2: Particular requirements for diamond drills with water supply | SANS IEC 61029-2-6 |  |  |
| 1 | VC8055 - Electrical and Electronics Apparatus | Part 2: Particular requirements for diamond saws with water supply | SANS IEC 61029-2-7 |  |  |
| 1 | VC8055 - Electrical and Electronics Apparatus | Part 2: Particular requirements for single spindle vertical moulders | SANS IEC 61029-2-8 |  |  |
| 1 | VC8055 - Electrical and Electronics Apparatus | Part 2: Particular requirements for mitre saws | SANS IEC 61029-2-9 |  |  |
| 1 | VC8055 - Electrical and Electronics Apparatus | Part 2: Particular requirements for cutting off grinders | SANS IEC 61029-2-10 |  |  |
| 1 | VC8055 - Electrical and Electronics Apparatus | Part 2: Particular requirements for mitre-bench saws | SANS IEC 61029-2-11 |  |  |
| 1 | VC8055 - Electrical and Electronics Apparatus | Part 2: Particular requirements for threading machines | SANS IEC 61029-2-12 |  |  |
| 1 | VC8055 - Electrical and Electronics Apparatus | Luminaires Part 1: General requirements and tests | SANS IEC 60598-1 |  |  |
| 1 | VC8055 - Electrical and Electronics Apparatus | Part 2: Particular requirements Section 2: Fixed general purpose luminaires | SANS IEC 60598-2-1 |  |  |
| 1 | VC8055 - Electrical and Electronics Apparatus | Part 2: Particular requirements Section 2: Recessed luminaires | SANS IEC 60598-2-2 |  |  |
| 1 | VC8055 - Electrical and Electronics Apparatus | Part 2-3: Particular requirements Section 3: Luminaires for road and street lighting | SANS IEC 60598-2-3 |  |  |
| 1 | VC8055 - Electrical and Electronics Apparatus | Part 2-4: Particular requirements Section 4: Portable general purpose luminaires | SANS IEC 60598-2-4 |  |  |
| 1 | VC8055 - Electrical and Electronics Apparatus | Luminaires Part 2-5: Particular requirements Section 5: Floodlights | SANS IEC 60598-2-5 |  |  |
| 1 | VC8055 - Electrical and Electronics Apparatus | Luminaires Part 2 -6: Particular requirements Section 6: Luminaires with built-in transformers or convertors for filament lamps | SANS IEC 60598-2-6 |  |  |
| 1 | VC8055 - Electrical and Electronics Apparatus | Luminaires Part 2 -7: Particular requirements Section 7: Portable luminaries for garden use | SANS IEC 60598-2-7 |  |  |
| 1 | VC8055 - Electrical and Electronics Apparatus | Luminaires Part 2-8: Particular requirements Section 8: Handlamps | SANS IEC 60598-2-8 |  |  |
| 1 | VC8055 - Electrical and Electronics Apparatus | Luminaires Part 2-9: Particular requirements Section 9: Photo and film luminaries (non-professional) | SANS IEC 60598-2-9 |  |  |
| 1 | VC8055 - Electrical and Electronics Apparatus | Luminaires Part 2 -10: Particular requirements Section 10: Portable child-appealing luminaires | SANS IEC 60598-2-10 |  |  |
| 1 | VC8055 - Electrical and Electronics Apparatus | Luminaires Part 2 -11: Particular requirements for aquaruim appliance | SANS IEC 60598-2-11 |  |  |
| 1 | VC8055 - Electrical and Electronics Apparatus | Luminaires Part 2 -12: Particular requirements for main socket outlets mounted night lights | SANS IEC 60598-2-12 |  |  |
| 1 | VC8055 - Electrical and Electronics Apparatus | Luminaires Part 2 -13: Particular requirements for ground recess luminairies | SANS IEC 60598-2-13 |  |  |
| 1 | VC8055 - Electrical and Electronics Apparatus | Luminaires Part 2 -14: Particular requirements for luminairies for cold cathode tubular discharge lamps (neon tubes) and similar equipment | SANS IEC 60598-2-14 |  |  |
| 1 | VC8055 - Electrical and Electronics Apparatus | Luminaires Part 2-17: Particular requirements Section 17: Luminaires for stage lighting, television, film and photographic studios (outdoor and indoor) | SANS IEC 60598-2-17 |  |  |
| 1 | VC8055 - Electrical and Electronics Apparatus | Luminaires Part 2-18: Particular requirements Section 18: Luminaires for swimming pools and similar applications | SANS IEC 60598-2-18 |  |  |
| 1 | VC8055 - Electrical and Electronics Apparatus | Luminaires Part 2-19: Particular requirements Section 19: Air-handling luminaries (safety requirements) | SANS IEC 60598-2-19 |  |  |
| 1 | VC8055 - Electrical and Electronics Apparatus | Luminaires Part 2-20: Particular requirements Section 20: Lighting chains | SANS IEC 60598-2-20 |  |  |
| 1 | VC8055 - Electrical and Electronics Apparatus | Luminaires Part 2-21: Particular requirements for rope lights | SANS IEC 60598-2-21 |  |  |
| 1 | VC8055 - Electrical and Electronics Apparatus | Safety of luminaries Part 22: Luminaires for emergency lighting | SANS 1464-22 |  |  |
| 1 | VC8055 - Electrical and Electronics Apparatus | Luminaires Part 2-23 Particular requirements Section 23: Extra low voltage lighting systems for filament lamps | SANS IEC 60598-2-23 |  |  |
| 1 | VC8055 - Electrical and Electronics Apparatus | Luminaires Part 2-24: Particular requirements Section 24: Luminaires with limited surface temperatures | SANS IEC 60598-2-24 |  |  |
| 1 | VC8055 - Electrical and Electronics Apparatus | Luminaires Part 2-25: Particular requirements Section 25: Luminaires for use in clinical areas of hospitals and health care buildings | SANS IEC 60598-2-25 |  |  |
| 1 | VC8055 - Electrical and Electronics Apparatus | Luminaires for interior lighting, street lighting and floodlighting - Performance requirements | SANS 475 |  |  |
| 1 | VC8055 - Electrical and Electronics Apparatus | SA Standard Specification: Safety requirements of Audio, video and similar apparatus | SANS IEC 60065 |  |  |
| 1 | VC8055 - Electrical and Electronics Apparatus | SA Standard Specification :Safety requirements of Information Technology equipment | SANS IEC 60950 |  |  |
| 1 | VC8055 - Electrical and Electronics Apparatus | Safety of Electrical Equipment and Measurements,Control,Laboratory use Part 1 | SANS 61010-1 |  |  |
| 1 | VC8055 - Electrical and Electronics Apparatus | Part 2-010: Particular requirements for laboratory equipment for the heating of materials | SANS 61010-2-010 |  |  |
| 1 | VC8055 - Electrical and Electronics Apparatus | Part 2-020: Particular requirements for laboratory centrifuges | SANS 61010-2-020 |  |  |
| 1 | VC8055 - Electrical and Electronics Apparatus | Part 2-030: Particular requirements for testing and measuring circuits | SANS 61010-2-030 |  |  |
| 1 | VC8055 - Electrical and Electronics Apparatus | Part 2-032: Particular requirements for hand-held and hand-manipulated current sensors for electrical test and measurement | SANS 61010-2-032 |  |  |
| 1 | VC8055 - Electrical and Electronics Apparatus | Part 2-081: Particular requirements for automatic and semi-automatic laboratory equipment for analysis and other purposes | SANS 61010-2-081 |  |  |
| 1 | VC8055 - Electrical and Electronics Apparatus | Part 2-091: Particular requirements for cabinet X-ray systems | SANS 61010-2-091 |  |  |
| 1 | VC8055 - Electrical and Electronics Apparatus | Safety of power transformers, power supplies, and reactors similar products part 1:General requirements and Test | SANS 61558 |  |  |
| 1 | VC8055 - Electrical and Electronics Apparatus | Uninterruptible power system (UPS) General requirements for UPS | SANS IEC 62040 |  |  |
| 1 | VC8055 - Electrical and Electronics Apparatus | Safety of power converters for use in photovoltaic system: General Requirements | SANS IEC 62109 |  |  |
| 1 | VC8055 - Electrical and Electronics Apparatus | Safety of Audio Visual, Information Technology communications Equipment’s | SANS IEC 62368-1 |  |  |
| 2 | VC 8003 Manually operated Switches for fix installations | Compulsory specification for Manually operated switches for fixed installations | SANS 60669-1 |  |  |
|  | VC 8003 Manually operated Switches for fix installations | Part 2-1: Particular requirements - Electronic switches | SANS 60669-2-1 |  |  |
| 3 | VC 8006 Compulsory specification for Safety of flexible cords for appliances | Electric flexible cables with solid extruded dielectric insulation Part 1: General | SANS 1574-1 |  |  |
|  | VC 8006 Compulsory specification for Safety of flexible cords for appliances | Electric flexible cores, cords and cables with solid extruded  dielectric insulation Part 4: Rubber insulated cords and cores | SANS 1574-2-4 |  |  |
|  | VC 8006 Compulsory specification for Safety of flexible cords for appliances | Polyvinyl chloride insulated cables of rated voltages up to and including 450/750 V Part 5: Flexible cables (cords) | SANS 60227-2-5 |  |  |
| 4 | VC 8008 Compulsory specification for Plugs, socket-outlets and socket-outlet adaptor | Plugs and socket-outlets for household and similar purposes Part 1: General requirements | SANS/IEC 60884-1 and the relevant SANS 164 |  |  |
|  | VC 8008 Compulsory specification for Plugs, socket-outlets and socket-outlet adaptor | Plugs and socket-outlets for household and similar purposes Part 2-2: Particular requirements for socket-outlets for appliances | SANS/IEC 60884-2-2 |  |  |
|  | VC 8008 Compulsory specification for Plugs, socket-outlets and socket-outlet adaptor | Plugs and socket-outlets for household and similar purposes Part 2-3: Particular requirements for switched socket-outlets without interlock for fixed installations | SANS/IEC 60884-2-3 |  |  |
|  | VC 8008 Compulsory specification for Plugs, socket-outlets and socket-outlet adaptor | Plugs and socket-outlets for household and similar purposes Part 2-4: Particular requirements for plugs and socket-outlets for SELV | SANS/IEC 60884-2-4 |  |  |
|  | VC 8008 Compulsory specification for Plugs, socket-outlets and socket-outlet adaptor | Plugs and socket-outlets for household and similar purposes Part 2-5: Particular requirements for adaptors | SANS/IEC 60884-2-5 |  |  |
|  | VC 8008 Compulsory specification for Plugs, socket-outlets and socket-outlet adaptor | Plugs and socket-outlets for household and similar purposes Part 2-6: Particular requirements for switched socket-outlets with interlock for fixed electrical installations | SANS/IEC 60884-2-6 |  |  |
|  | VC 8008 Compulsory specification for Plugs, socket-outlets and socket-outlet adaptor | Plugs and socket-outlets for household and similar purposes Part 2-7: Particular requirements for cord extension sets | SANS/IEC 60884-2-7 |  |  |
|  | VC 8008 Compulsory specification for Plugs, socket-outlets and socket-outlet adaptor | Plug and socket-outlet systems for household and similar purposes for use in South Africa - Part 0: General requirements | SANS 164-0 |  |  |
|  | VC 8008 Compulsory specification for Plugs, socket-outlets and socket-outlet adaptor | Plug and socket-outlet systems for household and similar purposes for use in South Africa Part 1: Two-pole and earth, 16 A 250 V a.c. | SANS 164-1 |  |  |
|  | VC 8008 Compulsory specification for Plugs, socket-outlets and socket-outlet adaptor | Plug and socket-outlet systems for household and similar purposes for use in South Africa Part 2: Two-pole and earth and 2 pin (Class II), 16 A 250 V a.c. system | SANS 164-2 |  |  |
|  | VC 8008 Compulsory specification for Plugs, socket-outlets and socket-outlet adaptor | Plug and socket-outlet systems for household and similar purposes for use in South Africa Part 3: Two-pole and earth, 6 A 250 V a.c. system | SANS 164-3 |  |  |
|  | VC 8008 Compulsory specification for Plugs, socket-outlets and socket-outlet adaptor | Plug and socket-outlet systems for household and similar purposes for use in South Africa Part 4: Two-pole and earth, 16A 250V a.c. dedicated system | SANS 164-4 |  |  |
|  | VC 8008 Compulsory specification for Plugs, socket-outlets and socket-outlet adaptor | Plug and socket-outlet systems for household and similar purposes for use in South Africa Part 5: Two-pole (Class II), 2,5 A 250 V a.c. non-rewireable plug | SANS 164-5 |  |  |
|  | VC 8008 Compulsory specification for Plugs, socket-outlets and socket-outlet adaptor | Plug and socket-outlet systems for household and similar purposes for use in South Africa Part 6: Two-pole (Class II), 16 A 250 V a.c. system | SANS 164-6 |  |  |
| 5 | VC 8011 Compulsory specification for Lamp holders and Lamp holder Adaptors | Lamp holders- Bayonet lamp-holders | SANS 61184 |  |  |
|  | VC 8011 Compulsory specification for Lamp holders and Lamp holder Adaptors | Lamp holders-Edison Screw | SANS 60238 |  |  |
| 6 | VC 8012 Compulsory specification for Appliance couplers for household and Similar general Purposes | Appliances couplers | SANS 60320 |  |  |
| 7 | VC 8029 Compulsory specification for cord sets and cord extension sets | Electrical accessories — Cord sets and interconnection cord sets | SANS 60799 |  |  |
|  | VC 8029 Compulsory specification for cord sets and cord extension sets | Cord extension sets | SANS 1661 |  |  |
| 8 | VC 8035 Compulsory specification for Earth Leakage Protection Units | Earth Leakage Protection Units (ELPU) | SANS IEC 60947 |  |  |
| 9 | VC 8036 Compulsory specification for Moulded Case Circuit Breakers | Circuit Breakers | SANS 556-1 and SANS 60947 |  |  |
| 10 | VC 8039 Compulsory specifications for starters for fluorescent lamps | Starters | SANS IEC 60155 |  |  |
| 11 | VC8043 Compulsory specification for Incandescent Lamps – Safety | Part 1: Tungsten filament lamps for domestic and similar general lighting purposes Incandescent lamps | SANS 60432-1 |  |  |
|  | VC8043 Compulsory specification for Incandescent Lamps – Safety | Part 2: Tungsten halogen lamps for domestic and similar general lighting purposes | SANS 60432-2 |  |  |
|  | VC8043 Compulsory specification for Incandescent Lamps – Safety | Part 3: Tungsten-halogen lamps (non-vehicle) | SANS 60432-3 |  |  |
|  | VC 8043 – Compulsory specification for incandescent lamps – Performance | Tungsten filament lamps for domestic and similar general lighting purposes - Performance requirements | SANS 60064 |  |  |
|  | VC 8043 – Compulsory specification for incandescent lamps – Performance | Tungsten halogen lamps (non-vehicle) - Performance requirements | SANS 60357 |  |  |
| 12 | VC 8052 - Compulsory specification for manually operated switches for appliances | Switches for appliances | SANS 61058 |  |  |
| 13 | VC 8075 Compulsory specification for Safety of electric cables with extruded solid dielectric insulation for fixed installations (300/500v up to 1900/3300v) | Electric cables with extruded solid dielectric insulation for fixed installations (300/500 V to 1 900/3 300 V) Part 1: General | SANS 1507-1 |  |  |
|  | VC 8075 Compulsory specification for Safety of electric cables with extruded solid dielectric insulation for fixed installations (300/500v up to 1900/3300v) | Electric cables with extruded solid dielectric insulation for fixed installations (300/500 V to 1 900/3 300 V) Part 2: Wiring cables | SANS 1507-2 |  |  |
|  | VC 8075 Compulsory specification for Safety of electric cables with extruded solid dielectric insulation for fixed installations (300/500v up to 1900/3300v | Electric cables with extruded solid dielectric insulation for fixed installations (300/500 V to 1 900/3 300 V) Part 3: PVC Distribution cables | SANS 1507-3 |  |  |
|  | VC 8075 Compulsory specification for Safety of electric cables with extruded solid dielectric insulation for fixed installations (300/500v up to 1900/3300v | Electric cables with extruded solid dielectric insulation for fixed installations (300/500 V to 1 900/3 300 V) Part 4: XLPE Distribution cables | SANS 1507-4 |  |  |
|  | VC 8075 Compulsory specification for Safety of electric cables with extruded solid dielectric insulation for fixed installations (300/500v up to 1900/3300v | Electric cables with extruded solid dielectric insulation for fixed installations (300/500 V to 1 900/3 300 V) Part 5: Halogen-free distribution cables | SANS 1507-5 |  |  |
|  | VC 8075 Compulsory specification for Safety of electric cables with extruded solid dielectric insulation for fixed installations (300/500v up to 1900/3300v | Electric cables with extruded solid dielectric insulation for fixed installations (300/500 V to 1 900/3 300 V) Part 6: Service cables | SANS 1507-6 |  |  |
| 14 | VC8077 Compulsory specification for medium voltage cables | Electric cables — Impregnated paper insulated metal-sheathed cables for rated voltages 3,3/3,3 kV to 19/33 kV (excluding pressure assisted cables) | SANS 97 |  |  |
|  | VC8077 Compulsory specification for medium voltage cables | Electric cables — Cross-linked polyethylene (XLPE) insulated cables for rated voltages 3,8/6,6 kV to 19/33 kV | SANS 1339 |  |  |
| 15 | VC 9087 Compulsory specification for lamp control gear | Lamp control gear | SANS 61347 |  |  |
| 16 | VC9091 Compulsory specification for Single capped fluorescent lamp | Single Capped fluorescent Lamps | SANS 60968, SANS 60969, SANS 60901 and SANS 61199 |  |  |
| 17 | VC9006 Compulsory specification for Electric Water Heaters | Geysers | SANS 151 |  |  |
| 18 | VC9008 Compulsory specification for Energy Efficiency | Audio/ video equipment | SANS 62087 |  |  |
|  | VC9008 Compulsory specification for Energy Efficiency | Appliances | SANS 62301 |  |  |
|  | VC9008 Compulsory specification for Energy Efficiency | Refrigerators and Freezers | SANS 62552 |  |  |
|  | VC9008 Compulsory specification for Energy Efficiency | Washing Machines | SANS 60456 |  |  |
|  | VC9008 Compulsory specification for Energy Efficiency | Tumble Dryer | SANS 61121 |  |  |
|  | VC9008 Compulsory specification for Energy Efficiency | Combi Washer dryer | SANS 50229 |  |  |
|  | VC9008 Compulsory specification for Energy Efficiency | Ovens | SANS 60350 |  |  |
|  | VC9008 Compulsory specification for Energy Efficiency | Dish washers | SANS 50242 |  |  |
|  | VC9008 Compulsory specification for Energy Efficiency | Air conditioners | SANS 54511 |  |  |
| 19 | VC 9105 Compulsory specification for safety of electric motor-operated hand-held tools, transportable tools and lawn and garden machinery | Part 1: General Requirements | SANS 62841-1 |  |  |
|  | VC 9105 Compulsory specification for safety of electric motor-operated hand-held tools, transportable tools and lawn and garden machinery | Part 2: Particular requirements for hand-held screwdrivers and impact wrenches. | SANS 62841-2-1 |  |  |
|  | VC 9105 Compulsory specification for safety of electric motor-operated hand-held tools, transportable tools and lawn and garden machinery | Part 2: Particular requirements for hand-held sanders and polishers other than disc type | SANS 62841-2-4 |  |  |
|  | VC 9105 Compulsory specification for safety of electric motor-operated hand-held tools, transportable tools and lawn and garden machinery | Part 2: Particular requirements for hand-held circular saws | SANS 62841-2-5 |  |  |
|  | VC 9105 Compulsory specification for safety of electric motor-operated hand-held tools, transportable tools and lawn and garden machinery | Part 3: Particular requirements for transportable table saws | SANS 62841-3-1 |  |  |
|  | VC 9105 Compulsory specification for safety of electric motor-operated hand-held tools, transportable tools and lawn and garden machinery | Part 3: Requirements for transportable diamond drills with liquid system | SANS 62841-3-6 |  |  |
| 20 | VC 9103 | Generators |  |  |  |
| 21 | VC 9004 | Solar water heater systems | SANS 151 |  |  |
| 22 | VC 9109 | Compulsory specification for energy efficiency and functional  performance requirements of general service Lamps (GSLs | Requirements in VC 9109 |  |  |
| 23 | VC9110 | Compulsory specification for safety requirements of general service lamps (GSLs) | SANS 61199/SANS 60968/SANS 62560/SANS 62838 |  |  |
| 24 | VC9113 | Compulsory Specifications for Electrical Motors | SANS 60034-1, SANS 60034-2-1, SANS 60034-30-1, SANS 60034-30-2, SANS1804-1 and SANS1804-2 |  |  |

**INDUSTRY 4: FOODS AND ASSOCIATED INDUSTRIES**

**NB: Prices must be fixed for the Sixty (60) months duration of the contract. Prices will be utilized for Price and Preference (Specific Goals) in accordance with SBD 6.1.**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **Compulsory Specification** | **Description of test required** | **Test standard/method** | **Bidders to indicate whether the test method is accredited or not (attach accreditation schedule)**  **Y/N** | **Price Including VAT** |
| 1 | VC 8014 - Compulsory specification for the manufacture, production, processing and treatment of canned fish, canned marine molluscs and canned crustaceans | Nitrogen | SANS 6317 |  |  |
|  | Starch | SANS 6317 |  |  |
|  | Salmonella | SANS 6579 |  |  |
|  | pH |  |  |  |
|  | TVC | SANS 5221 |  |  |
|  | E.Coli | SANS 5221 |  |  |
|  | Enterococci | SANS 5221 |  |  |
|  | Clostridia | SANS 5221 |  |  |
|  | Coliforms | SANS 5221 |  |  |
|  | Staphylococcus | SANS 6888-1 |  |  |
|  | Bacillus cereus | SANS 7932 |  |  |
|  | ClostridiumPerfringens | SANS 7937 |  |  |
|  | Microbiological examination of canned meat and fish products | SANS 6257 |  |  |
|  | Amnesic shellfish poisoning (ASP) | HPLC with UV detection; LC-MS/MS method |  |  |
|  | Diarrhetic shellfish poisoning (DSP) | Ch LC-MS/MS method |  |  |
|  | Paralytic shellfish poisoning (PSP) | AOAC 2005.06 |  |  |
|  | Histamine | HPLC AOAC 977.13 |  |  |
| 2 | VC 8019 - Compulsory specification for the manufacture, production, processing and treatment of canned meat products. | Nitrogen | SANS 6317 |  |  |
|  | Fat | SANS 6317 |  |  |
|  | Starch | SANS 6317 |  |  |
|  | Phosporous | SANS 6317 |  |  |
|  | Moisture | SANS 6317 |  |  |
|  | Microbiological examination of canned meat and fish products | SANS 6257 |  |  |
|  | TVC | SANS 4833 |  |  |
|  |  |  |  |  |
|  | TVC | SANS 5221 |  |  |
|  | E. coli | SANS 5221 |  |  |
|  | Enterococci | SANS 7899 |  |  |
|  | Coliforms | SANS 5221/IDEXX method |  |  |
|  | pH | AOAC method |  |  |
|  | Clostridia | SANS 5221; 7937 |  |  |
| 3 | VC 8017 - Compulsory specification for frozen, frozen marine molluscs and frozen products derived therefrom | E. coli | SANS 7251 or SANS 16649-3; 16649-2 |  |  |
|  | Enterococci | SANS 7899 |  |  |
|  | Coliforms | SANS 5221/IDEXX method |  |  |
|  | Clostridia | SANS 5221 |  |  |
|  | Pathogenic Vibrios , BAM Method | SANS 6196, BAM Method |  |  |
|  | Nitrogen | SANS 6317 |  |  |
|  | Fat | SANS 6317 |  |  |
|  | Starch | SANS 6317 |  |  |
|  | Ash | SANS 6317 |  |  |
|  | Moisture | SANS 6317 |  |  |
|  | Staphylococcus | SANS 6888-1 |  |  |
|  | Staphylococcus | SANS 6888-2 |  |  |
|  | Salmonella | SANS 6579 |  |  |
|  | E.coli | SANS 5221 |  |  |
|  | Clostridium Perfringens | SANS 7937 |  |  |
|  | Listeria monocytogenes | SANS 11290-1 |  |  |
|  | Listeria monocytogenes | SANS 11290-2 |  |  |
|  | Colony count | SANS 4833-1&2 |  |  |
|  | Shigella | SANS 21567 |  |  |
|  | Mercury | – AOAC 977.15; DMA |  |  |
|  | Cadmium | - IUPAC/ISO/AOAC 999.10 |  |  |
|  | Lead | Chemical analysis- IUPAC/ISO/AOAC 999.10 |  |  |
|  | Arsenic | FDA EAMS 4.10 |  |  |
|  | PFAS | UPAC/ISO/AOAC 999.10 |  |  |
|  | Persistent Organic Pollutants (POPS) |  |  |  |
|  | Polychlorinated biphenyls (PCB's) | EPA 1668 |  |  |
|  | Pesticides | IUPAC/ISO/AOAC |  |  |
|  | Radionuclides | GS 50151 |  |  |
|  | Dioxins | EPA 1613 B 1994 |  |  |
|  | Histamine | HPLC AOAC 977.13 |  |  |
| 4 | VC 8020 - Compulsory specification for frozen rock lobster and frozen lobster products derived therefrom | Shigella | SANS 21567 |  |  |
|  | Pathogenic Vibrios , BAM Method | SANS 6196, BAM Method |  |  |
|  | Staphylococcus | SANS 6888-1 &2 |  |  |
|  | Salmonella | SANS 6579 |  |  |
|  | E.coli | SANS 7251 |  |  |
|  | Clostridium Perfringens | SABS ISO 7937 |  |  |
|  | Listeria monocytogenes | SABS ISO 11290-1 |  |  |
|  | Listeria monocytogenes | SANS 7937 |  |  |
|  | E. coli | SANS 5221 |  |  |
|  | Enterococci | SANS 7899 |  |  |
|  | Coliforms | SANS 5221/IDEXX method |  |  |
|  | Arsenic | FDA EAMS 4.10 |  |  |
|  | Cadmium | IUPAC/ISO/AOAC 999.10 |  |  |
|  | Lead | IUPAC/ISO/AOAC 999.10 |  |  |
|  | Mercury | IUPAC/ISO/AOAC 999.10 |  |  |
|  | Clostridia | SANS 5221 |  |  |
|  | Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of microorganisms — Colony count technique at 30 °C | SANS 4833-1&2 |  |  |
|  |  | Sulphur dioxide | AOAC 990.28 |  |  |
| 5 | VC 8021 - Compulsory specification for Smoked Snoek | Staphylococcus | SANS6888-1&2 |  |  |
|  | E.Coli | SANS 7251 |  |  |
|  | Clostriduim perfringens | SANS 7937 |  |  |
|  | Clostridium botulinum | AOAC 977.26 |  |  |
|  | Listeria monocytogenes | SANS 11290-1 |  |  |
|  | Listeria monocytogenes | SANS 11290-2 |  |  |
|  | Enterobacteriaceae | SANS 21528-1 |  |  |
|  | Enterobacteriaceae | SANS 21528-2 |  |  |
|  |  |  |  |  |
|  | Salmonella | SANS 6579 |  |  |
|  | Pathogenic Vibrios , BAM Method | SANS 6196, BAM Method |  |  |
|  | Shigella | SANS 21567 |  |  |
|  | E. coli | SANS 5221 |  |  |
|  | Enterococci | SANS 7899 |  |  |
|  | Coliforms | SANS 5221/IDEXX method |  |  |
|  | Clostridia | SANS 5221 |  |  |
|  | TVC | SANS 4833-1&2 |  |  |
| 6 | VC 8031 - Compulsory specification frozen shrimps (prawns), langoustines and crabs |  |  |  |  |
|  | Staph | SABS ISO 6888-1 |  |  |
|  | Salmonella | SABS ISO 6579 |  |  |
|  | E.coli | SABS ISO 7251 0r 16649-3 |  |  |
|  | Clostridium perfringens | SABS ISO 7937 |  |  |
|  | Listeria monocytogenes | SABS ISO 11290-1 |  |  |
|  | Listeria monocytogenes | SABS ISO 11290-2 |  |  |
|  | Nitrogen | SANS 6317 |  |  |
|  | Fat | SANS 6317 |  |  |
|  | Starch | SANS 6317 |  |  |
|  | Ash | SANS 6317 |  |  |
|  | Moisture | SANS 6317 |  |  |
|  | Vibrios | SANS 6196, BAM Method |  |  |
|  | E. coli | SANS 5221 |  |  |
|  | Enterococci | SANS 7899 |  |  |
|  | Coliforms | SANS 5221/IDEXX method |  |  |
|  | Clostridia | SANS 5221 |  |  |
|  | Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of microorganisms — Colony count technique at 30 °C | SANS 4833-1&2 |  |  |
|  | Arsenic | IUPAC/ISO/AOAC 999.10 |  |  |
|  | Lead | IUPAC/ISO/AOAC 999.10 |  |  |
|  | Cadmium | IUPAC/ISO/AOAC 999.10 |  |  |
|  |  | Mercury | IUPAC/ISO/AOAC 999.10 |  |  |
|  |  | PAH - Polycyclic Aromatic Hydrocarbons | HPLC/MS MP 0998 REV 4 2013 |  |  |
|  |  | Sulphur dioxide | AOAC 990.28 |  |  |
| 7 | VC 9001 - Compulsory Specification for live Abalone | E. coli | SANS 5221 |  |  |
|  | Enterococci | SANS 7899 |  |  |
|  | Coliforms | SANS 5221/IDEXX method |  |  |
|  | Clostridia | SANS 5221 |  |  |
|  | Vibrio Cholera | SANS 21872-1 |  |  |
|  | Escherichia coli | ISO/TS 16649-3 |  |  |
|  | Salmonella | SANS 6579/ISO 6579 |  |  |
|  | Vibrio parahaemolyticus | ; ISO21872-1 |  |  |
|  | Amnesic shellfish poisoning (ASP) | HPLC with UV detection; LC-MS/MS method |  |  |
|  | Diarrhetic shellfish poisoning (DSP) | LC-MS/MS method |  |  |
|  | Paralytic shellfish poisoning (PSP) | AOAC 2005.06 |  |  |
|  |  | Norovirus | RT- PCR and ICG assays |  |  |
| 8 | VC 9104 - Compulsory Specification for live Rock Lobster | Vibrio cholerae | SANS 5221 |  |  |
|  |  |  |  |  |
|  | Salmonella | SABS ISO 6579 |  |  |
|  | E.coli | SANS 5221 |  |  |
|  | Nitrogen | SANS 6317 |  |  |
|  | Fat | SANS 6317 |  |  |
|  | Starch | SANS 6317 |  |  |
|  | Ash | SANS 6317 |  |  |
|  | Moisture | SANS 6317 |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  | E. coli | SANS 16649-2 |  |  |
|  | Enterococci | SANS 7899 |  |  |
|  | Coliforms | SANS 5221/IDEXX method |  |  |
|  | Pathogenic Vibrios | SANS ISO 21872-1 |  |  |
|  | Vibrios | SANS 5221/6315 |  |  |
|  | Clostridia | SANS 5221 |  |  |
|  |  | Norovirus | RT- PCR and ICG assays |  |  |
| 9 | VC 9107 - Compulsory Specification for live Bivalves | E. coli | SANS 5221 |  |  |
|  | Enterococci | SANS 7899 |  |  |
|  | Coliforms | SANS 5221/IDEXX method |  |  |
|  | Clostridia | SANS 5221 |  |  |
|  | Cholerae | SANS 5221 |  |  |
|  | Escherichia coli | ISO/TS 16649-3; ISO 7251 |  |  |
|  | Salmonella | SANS 6579/ISO 6579 |  |  |
|  | Vibrio parahaemolyticus | SANS ISO 21872-1 |  |  |
|  | Vibrio cholerae | SANS ISO 21872-1 |  |  |
|  |  | SA |  |  |
|  | Salmonella | SABS ISO 6579 |  |  |
|  | Nitrogen | SANS 6317 |  |  |
|  | Fat | SANS 6317 |  |  |
|  | Starch | SANS 6317 |  |  |
|  | Ash | SANS 6317 |  |  |
|  | Moisture | SANS 6317 |  |  |
|  | Amnesic shellfish poisoning (ASP) | HPLC with UV detection; LC-MS/MS method |  |  |
|  | Diarrhetic shellfish poisoning (DSP) | LC-MS/MS method |  |  |
|  | Paralytic shellfish poisoning (PSP) | AOAC 2005.06 |  |  |
|  |  | Norovirus | RT- PCR and ICG assays |  |  |
|  |  |  | SANS 5221 |  |  |
|  |  | SANS 7899 |  |  |
| 10 | SANS 885:2011Processed meat products | E.coli | SANS 5221 |  |  |
|  | Coliforms | SANS 5221 |  |  |
|  | Clostridia | SANS 5221 |  |  |
|  | Enterococci | SANS 5221 |  |  |
|  | Part 1: Colony count | SANS 4833-1/ISO 4833-1 |  |  |
|  | Part 2: Colony count | SANS 4833-2/ISO 4833-2 |  |  |
|  |  |  |  |  |
|  | Efficacy of cleaning plant, equipment and utensils: swab technique | SANS 5763 |  |  |
|  | Methods of chemical analysis of meat and fish products. | SANS 6317 |  |  |
|  | Salmonella spp | SANS 6579/ISO 6579 |  |  |
|  | staphylococci (Staphylococcus aureus and other species) | SANS 6888-1/ISO 6888-1 |  |  |
|  | staphylococci (Staphylococcus aureus and other species) – Part 2 | SANS 6888-2/ISO 6888-2 |  |  |
|  | Clostridium perfringens | SANS 7937/ISO 7937 |  |  |
|  |  |  |  |  |
|  | Listeria monocytogenes – Part 1: | SANS 11290-1/ISO 11290-1 |  |  |
|  | Listeria monocytogenes – Part 2: | SANS 11290-2/ISO 11290-2 |  |  |
|  | Escherichia coli -- Part 1: | ISO/TS 16649-1/ ISO 7251 |  |  |
|  | Escherichia coli -- Part 2: | ISO/TS 16649-2/ ISO 7251 |  |  |
|  |  | PAH – Polycyclic Aromatic Hydrocarbons | HPLC/MS MP 0998 REV 4 2013 |  |  |