

SPECIFICATION/SCOPE OF WORK

Material	Text	UMC
0179411	DRIVE, DISK: DESIGN TYPE: HARD; DATA STORAGE CAPACITY: 66 MB; SUPPL P/N: 6AB70237AA80; FOR SICOMP	EA
0215304	DRIVE, DISK: DATA STORAGE CAPACITY: 4.5 GB; COMPATIBILITY: SICOMP; SUPPL P/N: 03-6128-001; TYPE SMD EMULATOR, USED FOR FUJITSU M2333K, ONE EMULATION REMOVABLE PRIMARY SCSI, SUPPORT EMULATIONS UP TO 480 MB FOR AEM XC, IN REMOVAL CANNISTER R=<3.3 GBAEM, DISK TO DISK DRIVE MODULE COPY / BACKUP SUPPORT, WITH ADDITIONAL BACK-UP HARDRIVE AND SMD TERMINATOR	EA
0553808	CAMERA: TYPE: CCTV; MODEL NO: NTI-40012-V3; LENS TYPE: VARIFOCAL 3 TO 10 MM; NIGHT VISION: INFRARED DISTANCE 25 M; CONNECTION: ANALOGUE VIDEO OUT BNC CONNECTOR 1VPP CVBS, NTSC; INPUT VOLTAGE: 12 VDC OR POWER OVER ETHERNET 48 VDC NOMINAL; VIDEO RESOLUTION: 720 P AND 480 P; VIDEO COPRESSION: H.264 MAIN PROFILE; M-JPEG; MAXIMUM FRAME RATE: 30 FPS; NETWORK PROTOCOLS: IPV4; ETHERNET CONNECTOR: RJ45; CONNECTIVITY: OONVIF PROFILE S AUTO-MDIX; OPERATING TEMPERATURE: -30 TO 50 DEG C; INGRESS PROTECTION: IP66; EXTERNAL POWER SUPPLY: MODEL: MEAN WELL NES-35-12; INPUT POWER: 100-240VAC; RATING: 12V, 2.6A	EA
0660239	RECORDER, VIDEO: TYPE: NETWORK; TAPE SIZE: STORAGE 2 X 4TB SURVEILLANCE HDD; SUPPL P/N: NP8160; SUPPORT FOR 32 CHANNELS WITH 16 CHANNEL BASE LICENSE; SUPPORT FOR 8 HDD BAYS; SUPPORT RAID 0; 1; 5; 10; 2 X GIGABIT PORTS OUTPUT RESOLUTION UP TO 3840 X 2160; DECODING CAPACITY: 480FPS AT 1080P OR 120FPS AT 4K; RECORDING AT 200 MBPS; OPERATING SYSTEM: EMBEDDED LINUX; COMPRESSION H 265; H264; MPEG-4; MJPEG; MXPEG DEPENDS ON IP CAMERA; SUPPORTS CAMERA MULTI STREAM SETTINGS; ALL CHANNELS VIEWABLE USING: REMOTE LIVE VIEWER OR PLAYBACK SOFTWARE; REMOTE LIVE VIEWER OR PLAYBACK WEB; IVIEWER MOBILE APP; POST RECORDING PROCESSING REMOTE; INTELLIGENT SEARCH; DIGITAL PTZ AND VIDEO ENHANCEMENT TOOL; INTELLIGENT SEARCH REMOTE: SEARCH RECORDED VIDEO FOR 5 EVENTS INCLUDING GENERAL MOTION; FOREIGN OBJECT; MISSING OBJECT; FOCUS LOSS AND CAMERA OCCLUSION; VIDEO ENHANCEMENT REMOTE: FINE TUNE THE IMAGES VISIBILITY; SHARPNESS; BRIGHTNESS CONTRAST OR EVEN GREY SCALE; EVIDENCE EXPORT: SNAPSHOT AND PRINT VIDEO IMAGE IN BMP OR JPEG; BACKUP VIDEO IN DAT; SAVE VIDEO IN ASF OR AVI; THE ACTION EXPORTING VIDEO OR VIDEO BACKUP WILL BE RECORDED IN LOG SYSTEM; ACTION NOTIFICATION: NOTIFY USERS ON CAMERA AND SYSTEM EVENT BY SOUND; DIGITAL OUTPUT; PUSH NOTIFICATION; EMAIL AND CMS ALERT; AUTO BACKUP: AUTOMATICALLY BACKUP THE RECORDED VIDEO OF PREVIOUS DATES TO A DESIGNATED FTP SERVER; MANUAL BACKUP: MANUALLY BACKUP OR DELETE THE RECORDINGS FROM ANY NVRSOLO-PLUS; WATERMARK: PROTECT ORIGINAL RECORDINGS FROM ALTERNATION WITH THE SUPPLIERS WATERMARK VERIFICATION TOOL; SUPPORT 100 PLUS BRANDS OF IP CAMERAS AND 2000 PLUS MODELS WITH FREE MONTHLY DEVICE PACK UPDATES; OPERATING TEMPERATURE: -10 TO 55 DEG C; NVRSOLO PLUS	EA

0660667	CAMERA: TYPE: NETWORK; FILM: MULTIPLE, INDIVIDUALLY CONFIGURABLE H264 AND MOTION JPEG STREAMS; MEMORY SIZE: MICRO SD; SDHC MEMORY CARD SLOT; MEGA PIXEL QUANTITY: 2MP HDTV; RESOLUTION: 1080P; FOCAL LENGTH: VARIFOCAL 3-10.5 MM P IRIS LENS; ZOOM CAPABILITIES: 3.5 X MOTORISED OPTICAL ZOOM AND AUTO FOCUS; SUPPL P/N: P1425-LE MK II; AUTOMATIC IR CUT FILTER OPTIMIZEDIR WITH ADAPTABLE ANGLE OF IR ILLUMINATION UP TO 20 METERS; HDTV 1080P 2MP RESOLUTION AT 50/60 FPS; VIDEO MOTION DETECTION ACTIVE TAMPERING ALARM; CORRIDOR FORMAT; LIGHTFINDER ZIPSTREAM TECHNOLOGY; WDR FORENSIC CAPTURE; MICROSD SDHC MEMORY CARD SLOT; INTEGRATED BRACKET FOR EASY MOUNTING ON WALL AND CEILING; POWER OVER ETHERNET TYPE 1 CLASS 3; OPERATING CONDITIONS -30 TO 50 DEG C; RATE: IP66; NATIVE SUPPORT ON NUUO SURVEILLANCE CLIENT AND PLAYBACK SYSTEM CONFIGURABLE THROUGH MEDIA CONTROL WEB INTERFACE; VIEWABLE THROUGH LIVE VIEW WEB INTERFACE	EA
0660686	SWITCH, NETWORK: TYPE: 10 PORT GIGABIT; PORT TYPE: UTP POE COPPER; POTENTIAL: 48 V; PORT QUANTITY: 8; CURRENT: 1.25 A; DIMENSIONS: DIA 101.6 X WD 236 X HT 27 MM; SUPPL P/N: GS110TP; 8 DEDICATED AUTO NEGOTIATE 10; 100; 1000MBPS POE COPPER PORTS AND UP TO 15.4W PER PORT WITH DYNAMIC POWER MANAGEMENT AND PRIORITY; 2 X GIGABIT SFP FIBER PORTS FOR UPLINKS; FANLESS DESIGN; CONFIGURABLE USING NETGEAR SMART CONTROL CENTER; LIFETIME WARRANTY WITH LIFETIME 24 X 7 ONLINE CHAT TECHNICAL SUPPORT; 90 DAY 24 X 7 LIVE PHONE TECHNICAL SUPPORT; PROSAFE	EA
0036808	PLUG, FUSIBLE: CORE MATERIAL: STEEL; SIZE: 18 MM; TEMPERATURE RATING: 140 DEG C; STRIKER PIN; HEXAGON HEAD WITH SEALING RING FOR VOITH TURBO COUPLING 422TUB; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA
0136593	GLASS: TYPE: FIRE ALARM BOX; DIMENSIONS: SQ 78 X THK 1 MM; COLOR: CLEAR; REFERENCE NO: C0024178-A24-C05	EA
0138603	ALARM, AUDIBLE VISUAL: VISUAL SIGNAL TYPE: ROTARY FLASH; POWER SUPPLY: 220 VAC 1 PH 40W 50/60HZ; MODEL NO: EHS220; REFERENCE NO: ER 318004; BEACON LIGHT, COLOUR ORANGE; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA
0219243	PLUG, FUSIBLE: CASING MATERIAL: STEEL; CORE MATERIAL: LEAD AND TIN; SIZE: 3/8 IN-BSP; TEMPERATURE RATING: 160 DEG C; PLUG FOR THE FLUIDRIVE COUPLING FCU TYPE; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA
0243102	ALARM: TYPE: FIRE CALL POINT; SUPPL P/N: V24217-B1308-W200; ENCLOSURE IP 54 WITH EN 60529 MATERIAL MACROLON COLOR OF FIRE CALL POINT RED (RAL 3000) WEIGHT 0.3 K G TEMP RATING -20 DEG CEL TO 70 DEG CEL OVERALL DIMENSIONS 135 MM HT X 135 MM WD X 38.1 MM DIA; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA
0527984	SPRINKLER, FIRE PROTECTION: TYPE: 90 DEG; MATERIAL: BRASS; TEMPERATURE RATING: 69 DEG C; K-FACTOR: 8.0; NOZZLE ANGLE: 90 DEG C; FIRE MANAGEMENT APPROVED CLOSED HEAD MEDIUM VELOCITY NOZZLE; VENDORS ARE RESPONSIBLE FOR ENSURING	EA

	THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	
0527986	SPRINKLER, FIRE PROTECTION: MATERIAL: BRASS; TEMPERATURE RATING: 79 DEG C; K-FACTOR: 8.06; MANUF P/N: INBVK700AD; FIRE MANAGEMENT APPROVED; STANDARD RESPONSE VIKING SPRINGLER; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA
0527987	SPRINKLER, FIRE PROTECTION: MATERIAL: BRASS; TEMPERATURE RATING: 68 DEG C; K-FACTOR: 8.06; MANUF P/N: INBVK100AB; FIRE MANAGEMENT APPROVED; STANDARD RESPONSE VIKING SPRINGLER; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA
0527989	SPRINKLER, FIRE PROTECTION: MATERIAL: BRASS; TEMPERATURE RATING: 79 DEG C; K-FACTOR: 8.06; MANUF P/N: INBVK100AD; FIRE MANAGEMENT APPROVED; STANDARD RESPONSE VIKING SPRINGLER; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA
0571671	SIREN: TYPE: STROBE LIGHT; DECIBEL: ZERO DB; POWER SOURCE: 12 VDC; LED AMBER; C/W PLUG(LIGHTER) AND MAGNETIC BASE; HT 94 X DIA 130 MM	EA
0635244	SPRINKLER, FIRE PROTECTION: TYPE: STANDARD RESPONSE; CONNECTION: 1/2 IN; MATERIAL: BRASS; TEMPERATURE RATING: 141 DEG C; MOUNT: PENDANT; K-FACTOR: 80; FIRE SYSTEM SPRINKLER THAT IS ACTIVATED AT 141 DEGREE CELSIUS BLUE BULB AND WITH A BODY MADE FROM BRASS; 1/2 INCH (15MM); VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA
0635246	SPRINKLER, FIRE PROTECTION: TYPE: RED BULB STANDARD RESPONSE; CONNECTION: 1/2 IN; MATERIAL: BRASS; TEMPERATURE RATING: 68 DEG C; MOUNT: PENDANT; K-FACTOR: 80; FIRE SYSTEM SPRINKLER THAT IS ACTIVATED AT 141 DEGREE CELSIUS RED BULB AND WITH A BODY MADE FROM BRASS; 1/2 INCH (15MM); VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA
0635247	SPRINKLER, FIRE PROTECTION: TYPE: RED BULB STANDARD RESPONSE; CONNECTION: 1/2 IN; MATERIAL: BRASS; TEMPERATURE RATING: 68 DEG C; MOUNT: UPRIGHT; K-FACTOR: 80; FIRE SYSTEM SPRINKLER THAT IS ACTIVATED AT 68 DEGREE CELSIUS RED BULB AND WITH A BODY MADE FROM BRASS; 1/2 INCH (15MM); VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA
0635249	SPRINKLER, FIRE PROTECTION: TYPE: BULB YELLOW; CONNECTION: 1/2 IN; MATERIAL: BRASS; TEMPERATURE RATING: 79 DEG C; MOUNT: UPRIGHT; K-FACTOR: 80; FIRE SYSTEM SPRINKLER THAT IS ACTIVATED AT 79 DEGREE CELSIUS YELLOW BULB STANDARD RESPONSE AND WITH A BODY MADE FROM BRASS; 1/2 INCH (15MM); VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA
0018948	INDICATOR: TYPE: TRANSDUCER DISPLACEMENT; SCALE: NONE; RATING: 0 V; CURRENT: 1 A; POWER: 50 W; SUPPL P/N: WZA125-01ALV; ELECTRICAL CONNECTION: FRB CONNECTOR; MOUNT:	EA

	UNIBALL SF16; PROBE DIAMETER: 50MM; RANGE: 100 MILLIMETER; DIMENSIONS: 585 MILLIMETER	
0018949	SENSOR: TYPE: LVDT DISPLACEMENT INDICATOR; RATING: 10-55 V; ELECTRICAL CONNECTION: FR; PROBE DIAMETER: 50 MM; SUPPL P/N: WZA25.02AL; PLUG; UNIBAL SF16; FOR HP TURBINE; RANGE: 60 MILLIMETER; DIMENSIONS: LG 400 MILLIMETER	EA
0037837	TACHOMETER: TYPE: ELECTRONIC; RANGE: 870-1800 RPM; RATING: 117 V AC 7 W 50/60 HZ; MODEL NO: 1820-1; REFERENCE NO: 3-Z7211; S1800; OUTPUT ADJUSTMENT 60 PULSES PER REVOLUTION	EA
0050998	ORIFICE: TYPE: METERING; DRAWING NO: 2990 REV 1; PART OF PINTLE, ITEM NUMBER 33, USED ON THE HYDRAPOWER TIP ASSY; SIZE: 1MM HOLE	EA
0054008	SENSOR, TEMPERATURE: STYLE DESIGNATOR: FLAME MONITOR MODULE; INCLOSURE TYPE: IP65; OUTPUT SIGNAL: RELAY; DRAWING NO: 18-A5-1/2 REV 1; REFERENCE NO: FE2020-CU; CONTROL; MAXIMUM OPERATING TEMP: 70 DEGREE CENTIGRADE; MOUNT: BOLTED	EA
0054010	SENSOR, TEMPERATURE: STYLE DESIGNATOR: GAS FLAME DETECTORS; INCLOSURE TYPE: IP65; OUTPUT SIGNAL: RELAY; SUPPL P/N: LT300-ICU; DRAWING NO: CREDFELD GEN7-A5-2 REV 1; IGNITER; GAS FLAME DETECTOR/ CONTROLLER; FOR USE ON IGNITION SERVICE PANELS; TYPE: INGNITER FLAME MONITOR; MAXIMUM OPERATING TEMP: 85 DEGREE CENTIGRADE; MOUNT: BOLTED	EA
0054810	GAUGE, VACUUM: DIAL SIZE: 90 MM; RANGE: 0-1000 MBAR; CASE MATERIAL: PLASTIC; TUBE MATERIAL: BRASS; CONNECTION TYPE: FBSP; CONNECTION SIZE: 3/8 IN; CONNECTION LOCATION: BACK; CONNECTION MATERIAL: BRASS; MOUNT: PANEL OR STEM; FILLED: GLYCERIN; SUPPL P/N: U82500; FIG NO: 1-11-152; REFERENCE NO: 1-11-152; U82500; 12260320; NEGATIVE SUCTION, 50M/L DIVISIONS, WITH CHEMICAL SEAL/DIAPHRAGM	EA
0120722	PROBE: TYPE: TILT PENDANT; DIAMETER: 49 MM; LENGTH: 300 MM; RATING: 24 VDC 1 A; CABLE LENGTH: 3.5 M; MATERIAL: DI; REFERENCE NO: 20-32; COMPLETE WITH POWER CABLE	EA
0121022	THERMOSTAT: TYPE: CONTROL; CURRENT: 2.6 A; SUPPL P/N: 883334; MODEL NO: T70; REFERENCE NO: 409.1132; RANGE: 20-150 DEGREE CENTIGRADE; POTENTIAL: 380 VOLT ALTERNATING CURRENT	EA
0121178	SWITCH, PRESSURE: TYPE: DIFFERENTIAL; RANGE: 0-193 KPA; INDICATOR; WITH RED ALERT 360DEG VISIBILITY	EA
0121688	SWITCH, PRESSURE: TYPE: GAS; RANGE: 3-30 BAR; POTENTIAL: 380 VAC; CURRENT: 16 A; ACTION: SPDT; CONNECTION: BOTTOM 11 MM NPT; DIMENSIONS: WD 80 X LG 85 X HT 82 MM; ENCLOSURE RATING: IP67; REFERENCE NO: P77BEA9350; HP TRIP FOR AIRCON UNITS, USED ON FREON GASSES, WITH MANUAL RESET BUTTON, 20MM CONDUIT	EA
0123706	SWITCH, PRESSURE: TYPE: DIFFERENTIAL; RANGE: 0-6 BAR; POTENTIAL: 220 V; CURRENT: 10 A; ACTION: SPDT; CONNECTION: BOTTOM 11 MM NPT; DIMENSIONS: WD 85 X LG 85 X HT 52 MM; ENCLOSURE RATING: IP67; SUPPL P/N: PENN-P77AAA-9300; OPEN-LOW, 20MM CONDUIT	EA
0123716	SWITCH, PRESSURE: TYPE: OIL; RANGE: 65 KPA; POTENTIAL: 220 VAC; ACTION: SPDT; CONNECTION: NUT FLARE 1/4 IN; ENCLOSURE RATING: METAL; SUPPL P/N: 60B0168; PUSH TO RESET; DELAY 120 SECONDS	EA
0138190	PICK UP: TYPE: DISPLACEMENT; APPLICATION: HP CONTROL VALVE TURBINE; MODEL NO: DI510; LINEAR MEASURING RANGE:	EA

	140MM; INCLUDING A 1 METER CABLE WITH A STRAIGHT CONNECTER	
0138601	DETECTOR: TYPE: AUTO BINDICATOR; RATING: 250 VAC 15 A; REFERENCE NO: AB-S, LAD101700; TYPE AB-S; DIMENSIONS 203 MM OD X DIAPGRAGM 175 MM; OUTSIDE DIAMETER THICKNESS 116 MM; 6 MOUNTING HOLES; STAINLESS STEEL DIAPHGRAM SNAP ACTION SWITCH	EA
0143231	SEAT: TYPE: CONTACT; DIMENSIONS: ID 14 X OD 45 X THK 49.2 MM; MATERIAL: STAINLESS STEEL; SUPPL P/N: 7278; REFERENCE NO: HAGT439151P1; HAGT439151; 7278; FOR 22KV GENERATOR CIRCUIT BREAKER TYPE DR36U1750D	EA
0143593	METER, FLOW: TYPE: WATER; ENCLOSURE RATING: IP54; CALIBRATION COEFFICIENT: 30 DEG C; REFERENCE NO: KG D4630; AUXILLARY SUPPLY AC MAIN 220VOLTS; FREQUENSY 50HZ; LOADING WITHOUT LIMIT SWITCH APPROXIMATE 8.5VA; WITH LIMIT SWITCH APROXIMATE 12.5VA; TEMPERATURE COMPENSATION 5-90 DEG C; ADMISSIBLE BURDEN 0-800 OHMS; RESIDUAL RIPPLE SMALLER THAN 0.1PCT; OUTPUT SIGNAL 0-20MA; POTENTIAL: 190-240 VOLT ALTERNATING CURRENT	EA
0148024	METER, ELECTRICAL: TYPE: AMP; RANGE: 0-15 A; READOUT: ANALOG; STYLE: PANEL MOUNT; FACE SIZE: SQ 96 MM; 1AMP	EA
0148044	METER, ELECTRICAL: TYPE: VOLT; RANGE: 0-400 V; READOUT: ANALOG; STYLE: PANEL MOUNT FLUSH; FACE SIZE: 9.5 X 9.5 X 3.8 MM; OPERATION: MOVING IRON; SUPPL P/N: T24402VGSCSC; REFERENCE NO: QF334; TEST VOLTAGE 2 KV; DIRECT READING; SILICON DAMPED; TYPE VF96	EA
0148091	METER, FLOW: TYPE: STATOR COOLING SYSTEM; MATERIAL: ALUMINUM; DESIGN RATING: 1.5 BAR; MODEL NO: 6/20E; REFERENCE NO: E45054084; H2 LEAKAGE DETECTOR; CONNECTION: 26 MM FNPT; RANGE: 0.04-6 CUBIC METER PER HOUR; MEDIUM: GAS	EA
0148095	DEVICE: TYPE: SIGNAL CONDITIONER; APPLICATION: DISPLACEMENT TRANSDUCER DT210; SUPPL P/N: MD152.1/24VDC; REFERENCE NO: V793; M1-02, BOX ABA104M1	EA
0148182	TRANSMITTER: TYPE: SPEED PICK UP; OUTPUT: 0-20 MA; SUPPLY: 10-30 VDC; SUPPL P/N: FTG 1087 SS 19; FERROSTATGEBER ITEM NUMBER 91003; 5M; RANGE: 0.2-4.5 MILLIMETER	EA
0148267	METER, ELECTRICAL: TYPE: AMP; RANGE: 0-2.5 A; READOUT: ANALOG; STYLE: EDGEWISE FLUSH PANEL MOUNT; FACE SIZE: SQ 96 MM; REFERENCE NO: FSD0-2-5A; 50MV	EA
0148474	COMPARATOR: TYPE: VOLTAGE WINDOW; SUPPL P/N: SP230-380V-AC-DP; 380 VAC, THREE PHASE, TYPE: VC-180; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA
0148476	MONITOR: RANGE: 0-1 A; 0-100 PCT; POWER SOURCE: 220 VAC; SUPPL P/N: CM193; RHOMBERG, RELAY CONTACTS 5PDT, 3 PHASE CURRENT	EA
0149136	METER, ELECTRICAL: TYPE: AMP; RANGE: 0-400-800 A; READOUT: ANALOG; STYLE: EDGEWISE FLUSH PANEL MOUNT; FACE SIZE: SQ 96 MM; IN 20A DIVISION, 400/1A, FED FROM 1A CT, SECONDARY WITH 100PCT CONDENSED OVERLOAD SCALE	EA
0149202	METER, ELECTRICAL: TYPE: VOLT; RANGE: 0-500 VAC; READOUT: ANALOG; STYLE: PANEL MOUNT; FACE SIZE: SQ 96 MM; OPERATION: MOVING IRON; SUPPL P/N: FA96; REFERENCE NO: QF335; FOR AC, CLASS1.5	EA
0149219	TRANSDUCER: TYPE: DIFFERENTIAL PRESS; INPUT: 30-300 MBAR; OUTPUT: 0-20 MA; POWER SOURCE: 24 VDC; SUPPL P/N: 7MF1103-1AC32-1BE; FLOW PN100, 4 WIRE CONNECTION, LINEAR RISING,	EA

	1PG 13.5 CABLE GLAND, WITH BUILT IN INDICATOR, CELL FILLING SILICONE OIL, STANDARD MECHANISM CLEANING PROCEDURE, IN MBAR 75 TO 300	
0150862	ANALYZER, GAS: TYPE: OXYGEN; SUPPL P/N: ZR01A01-01; MODEL NO: ZIRCONIA CELL; CELL ASSEMBLY	EA
0150863	ANALYZER, GAS: TYPE: OXYGEN; SUPPL P/N: ZR22G-040-SKCTMEA; REFERENCE NO: 071VA012; 8071; NY4449-4-88; FLANGE CONNECTION JIS5K 65A FF, LOW TEMPERATURE DETECTOR, FOR ECONIMIZER OUTLET MATRIX THERMOCOUPLES, MS CODE Z021D2-040-JA, LENGTH FROM FLANGE TO END 400MM; POWER SOURCE: 220VAC	EA
0151020	KIT: TYPE: REPAIR CONVERSION; APPLICATION: SILICA ANALYZER; REFERENCE NO: EIL8062; 8061042; ON CHEMICAL PANEL	EA
0151863	GLASS, SIGHT: DIMENSIONS: LG 75 MM; MATERIAL: BRASS; SUPPL P/N: 904715-0018; 50 MM VISIBLE LENGTH; CONNECTION THREADED; 2 SECTIONS; FOR USE WITH DIAMOND POWER RETRACTABLE SOOTBLOWER TYPE IK545	EA
0151907	THERMOSTAT: TYPE: GEYSER; CURRENT: 20-0.1 A; MODEL NO: VKF; REFERENCE NO: OCT-88; CAPILIARY LENGTH 150MM; RANGE: 40-70 DEGREE CENTIGRADE; POTENTIAL: 250 VAC/DC	EA
0152177	GAUGE, COMPOUND: RANGE: -100 TO 900 KPA; DIAL SIZE: 150 MM; CONNECTION TYPE: BSP; CONNECTION SIZE: 1/2 IN; CASE MATERIAL: MS; TUBE MATERIAL: BRASS; CONNECTION MATERIAL: BRASS; CONNECTION LOCATION: BOTTOM; MOUNT: PANEL OR STEM; FILLED: SILICON; TYPE: BOURDON TUBE; REFERENCE NO: RH40 P 502; SPRING TUBE PRESSURE GAUGE, RED LINE AT 850 KPA	EA
0152180	GAUGE, PRESSURE: DIAL SIZE: 100 MM; CONNECTION TYPE: BSP; CONNECTION SIZE: 1/4 IN; CASE MATERIAL: STAINLESS STEEL; TUBE MATERIAL: BRASS; CONNECTION MATERIAL: BRASS; CONNECTION LOCATION: BOTTOM; MOUNT: PANEL; FILLED: SILICON; MODEL NO: 521-100SA-42B2; REFERENCE NO: 123T4239; ADJUSTABLE MICROMETER POINTER; RANGE: 0-6000 KILOPASCAL	EA
0153437	GAUGE, PRESSURE: DIAL SIZE: 63 MM; CONNECTION TYPE: BSP; CONNECTION SIZE: 1/4 IN; CASE MATERIAL: STAINLESS STEEL; TUBE MATERIAL: BRASS; CONNECTION MATERIAL: BRASS; CONNECTION LOCATION: BOTTOM; MOUNT: PANEL OR STEM; FILLED: SILICON; REFERENCE NO: LF25S1; RANGE: 0-4000 KILOPASCAL	EA
0153539	SENSOR: TYPE: MEASURING INSERT; REFERENCE NO: C75451-A2004-B113; FOR DIFFERENTIAL PRESSURE TRANSDUCER, PN100/PN315/500; RANGE: 200-1000 MILLIBAR	EA
0153559	THERMOMETER, DIAL: STEM LENGTH: 130 MM; DIAL SIZE: 5 IN; CONNECTION LOCATION: BOTTOM; CONNECTION: 3/4 IN-BSP; MATERIAL: STAINLESS STEEL; SHEATH DIAMETER: 6 MM; SUPPL P/N: 50-EI60ES040; REFERENCE NO: T125248A; STEM THICKNESS 6MM; RANGE: 0-100 DEGREE CENTIGRADE	EA
0153607	THERMOMETER, DIAL: STEM LENGTH: 300 MM; DIAL SIZE: 100 MM; CONNECTION LOCATION: BOTTOM; CONNECTION: 1/2 IN-NPT; MATERIAL: STAINLESS STEEL; SUPPL P/N: TMV100; REFERENCE NO: J77 BSP; BI-METAL; RANGE: 0-120 DEGREE CENTIGRADE	EA
0153732	THERMOCOUPLE: TYPE: E; SHEATH DIAMETER: 4 MM; DESIGN LENGTH: 21 M; TEMPERATURE RANGE: 0-800 DEG C; SHEATH MATERIAL: SS 25/20; PROCESS CONNECTION: NONE; JUNCTION: SIMPLEX, GROUNDED; MINERAL INSULATED; INCLUDING 55MM FLEXIBLE TAILS; CONNECTION NONE; WIRE SIZE 1MM	EA
0153738	THERMOCOUPLE: TYPE: K; SHEATH DIAMETER: 3 MM; DESIGN LENGTH: 29 M; TEMPERATURE RANGE: 0-1100 DEG C; SHEATH MATERIAL: STAINLESS STEEL; JUNCTION: SINGLE; MINERAL	EA

	INSULATED; INCLUDING 250MM TAILS; ITEM USED ON BOILER 2; CONNECTION NONE; WIRE SIZE 1MM	
0153754	THERMOCOUPLE: TYPE: J; SHEATH DIAMETER: 3 MM; DESIGN LENGTH: 320 MM; TEMPERATURE RANGE: 0-800 DEG C; SHEATH MATERIAL: SS 25/20; PROCESS CONNECTION: 3/8 IN-BSP; JUNCTION: SINGLE; HEAD: YES; REFERENCE NO: 76KU-DRW; C/W BZA HEAD AND WITH 150MM LONG X 17.5MM OD SS EXTENSION SCREWED 3/8 IM BSP; WITH THE OPEN END PLUGGED TO ALLOW CLEARANCE HOLE FOR M1 ISO POT; 75MM FLEX-TAIL TERMINAL BLOCK INCLUDED; WIRE SIZE 1MM	EA
0153881	GAUGE, PRESSURE: DIAL SIZE: 100 MM; CONNECTION TYPE: BSP; CONNECTION SIZE: 3/4 IN; CASE MATERIAL: STAINLESS STEEL; TUBE MATERIAL: STAINLESS STEEL; CONNECTION MATERIAL: STAINLESS STEEL; CONNECTION LOCATION: BOTTOM; MOUNT: STEM; FILLED: SILICON; REFERENCE NO: 213-40-100; ADJUSTABLE MICROMETER PIONTER; RANGE: 0-600 KILOPASCAL	EA
0153883	GAUGE, PRESSURE: DIAL SIZE: 63 MM; CONNECTION TYPE: BSP; CONNECTION SIZE: 1/4 IN; CASE MATERIAL: STAINLESS STEEL; TUBE MATERIAL: BRASS; CONNECTION MATERIAL: BRASS; CONNECTION LOCATION: BOTTOM; MOUNT: STEM; FILLED: SILICON; CALIBRATION 1MPA SECT, LABEL INDICATING; RANGE: 250 KILOPASCAL	EA
0153884	DETECTOR, RESISTANCE TEMPERATURE: TYPE: RTD-PT100; TEMPERATURE RATING: 600 DEG C; RESISTANCE: 100 OHM; WIRE: 4; SHEATH MATERIAL: TUNGSTEN CARBIDE; HEAD: YES; REFERENCE NO: T2; ELEMENT SIZE DIA 17.5 MM X LG 450 MM; ELEMENT T1; 10SWG IN A 17.5 MM OD FIREBIRD BLUE SHEATH 8 3/4 INCH BSP HEX COLLAR WELDED ON 300 MM IMMERSIONC/W BZA HEAD M20 X 105; CABLE ENTRY SHEATH BELOW COLLAR PLASMA COATED WITH DEPTH 0.015 INCH	EA
0153958	GAUGE, PRESSURE: CONNECTION TYPE: BSP; CONNECTION SIZE: 1/8 IN; CONNECTION LOCATION: BACK; SUPPL P/N: 77/40; 5-100; REFERENCE NO: 439-1001; USED ON REGULATOR ON GEN 687 MVA; INPUT; RANGE: 0-1000 KILOPASCAL	EA
0154275	GAUGE, PRESSURE: DIAL SIZE: 60 MM; CONNECTION TYPE: BSP; CONNECTION SIZE: 1/4 IN; CASE MATERIAL: STL; TUBE MATERIAL: BRASS; CONNECTION MATERIAL: BRASS; CONNECTION LOCATION: BOTTOM; MOUNT: PANEL OR STEM; FILLED: SILICON; RANGE: 0-40 MEGAPASCALS	EA
0154302	THERMOSTAT: TYPE: FRIDGE; CURRENT: 6 A; REFERENCE NO: ATEA A02-1000; FOR SINGLE DOOR WITH KNOB, USED ON THE AIRCON.; RANGE: 3-26 DEGREE CENTIGRADE; POTENTIAL: 250 VOLT ALTERNATING CURRENT	EA
0154626	GAUGE, PRESSURE: DIAL SIZE: 100 MM; CONNECTION TYPE: NPT; CONNECTION SIZE: 1/2 IN; CASE MATERIAL: STAINLESS STEEL; TUBE MATERIAL: BRASS; CONNECTION MATERIAL: BRASS; CONNECTION LOCATION: BOTTOM; MOUNT: PANEL OR STEM; FILLED: SILICON; ADJUSTABLE MICROMETER POINTER; RANGE: 0-400 KILOPASCAL	EA
0154627	GAUGE, PRESSURE: DIAL SIZE: 100 MM; CONNECTION TYPE: NPT; CONNECTION SIZE: 1/2 IN; CASE MATERIAL: STAINLESS STEEL; TUBE MATERIAL: STAINLESS STEEL; CONNECTION LOCATION: BOTTOM; FILLED: SILICON; REFERENCE NO: Q100116; WITH ADJUSTABLE MICRO POINTER; LABLE INDICATING; RANGE: 0-1 MEGAPASCALS	EA
0154629	GAUGE, PRESSURE: DIAL SIZE: 100 MM; CONNECTION TYPE: BSP; CONNECTION SIZE: 15 MM; CASE MATERIAL: STAINLESS STEEL; TUBE MATERIAL: STAINLESS STEEL; CONNECTION MATERIAL: STAINLESS STEEL; CONNECTION LOCATION: BOTTOM; MOUNT:	EA

	PANEL OR STEM; FILLED: SILICON; REFERENCE NO: PB8/A100SS/Y; 2 KPA DIVISIONS; RANGE: 0-100 KILOPASCAL	
0154632	GAUGE, PRESSURE: DIAL SIZE: 100 MM; CONNECTION TYPE: NPT; CONNECTION SIZE: 1/2 IN; CASE MATERIAL: STAINLESS STEEL; TUBE MATERIAL: BRASS; CONNECTION MATERIAL: BRASS; CONNECTION LOCATION: BOTTOM; MOUNT: PANEL OR STEM; FILLED: SILICON; WITH ADJUSTABLE MICRO POINTER; RANGE: 0-600 KILOPASCAL	EA
0154633	GAUGE, COMPOUND: RANGE: -100 TO 60 KPA; DIAL SIZE: 100 MM; CONNECTION TYPE: NPT; CONNECTION SIZE: 1/2 IN; CASE MATERIAL: STAINLESS STEEL; TUBE MATERIAL: STAINLESS STEEL; CONNECTION MATERIAL: STAINLESS STEEL; CONNECTION LOCATION: BOTTOM; MOUNT: PANEL OR STEM; FILLED: SILICON; DIAL IN 5 KPA DIVISIONS	EA
0154634	GAUGE, COMPOUND: RANGE: -100 TO 500 KPA; DIAL SIZE: 100 MM; CONNECTION TYPE: NPT; CONNECTION SIZE: 1/2 IN; CASE MATERIAL: STAINLESS STEEL; TUBE MATERIAL: STAINLESS STEEL; CONNECTION MATERIAL: STAINLESS STEEL; CONNECTION LOCATION: BOTTOM; MOUNT: PANEL OR STEM; FILLED: SILICON; COMPLETE WITH ADJUSTABLE MICRO POINTER	EA
0154635	GAUGE, PRESSURE: DIAL SIZE: 100 MM; CONNECTION TYPE: BSP; CONNECTION SIZE: 1/2 IN; CASE MATERIAL: STAINLESS STEEL; TUBE MATERIAL: STAINLESS STEEL; CONNECTION MATERIAL: BRASS; CONNECTION LOCATION: BOTTOM; MOUNT: PANEL OR STEM; FILLED: SILICON; LABEL INDICATING; RANGE: 0-10 MEGAPASCALS	EA
0154636	GAUGE, PRESSURE: DIAL SIZE: 100 MM; CONNECTION TYPE: NPT; CONNECTION SIZE: 1/4 IN; CASE MATERIAL: STAINLESS STEEL; TUBE MATERIAL: BRASS; CONNECTION MATERIAL: STAINLESS STEEL; CONNECTION LOCATION: BOTTOM; MOUNT: PANEL OR STEM; FILLED: SILICON; COMPLETE WITH ADJUSTABLE MICRO POINTER, DIAL IN 5 KPA DIVISIONS; RANGE: 0-2.5 MEGAPASCALS	EA
0154639	GAUGE, PRESSURE: DIAL SIZE: 100 MM; CONNECTION TYPE: BSP; CONNECTION SIZE: 1/2 IN; CASE MATERIAL: STAINLESS STEEL; TUBE MATERIAL: STAINLESS STEEL; CONNECTION MATERIAL: STAINLESS STEEL; CONNECTION LOCATION: BOTTOM; MOUNT: STEM; FILLED: SILICON; REFERENCE NO: PB8-A100SS-Y; SS INTERNALS; ADJUSTABLE MICROMETER POINTER; PLUS CHEMICAL SEAL; UPPER FLANGE 1/2 IN SS; BOTTOM FLANGE 1/2 IN NPT SS; LABEL INDICATING SILICONE; RANGE: 0-1 MEGAPASCALS	EA
0154643	GAUGE, DIFFERENTIAL PRESSURE: RANGE: 0-250 KPA; DIAL SIZE: 150 MM; CONNECTION SIZE: 3/4 IN; CASE MATERIAL: STAINLESS STEEL; CONNECTION MATERIAL: STAINLESS STEEL; CONNECTION LOCATION: BOTTOM; MOUNT: PANEL; CONNECTION TYPE: BSP; SUPPL P/N: DDB/B150SS; SS TUBE MATERIAL, NON FILLED, MORBOF STAT 637, WITH 2 ELECTRICAL CONTACTS, WITH ADJUSTABLE ALARM SETTING, MAX STATIC PRESSURE 2500 KPA	EA
0154646	GAUGE, PRESSURE: DIAL SIZE: 100 MM; CONNECTION TYPE: BSP; CONNECTION SIZE: 3/8 IN; CASE MATERIAL: STAINLESS STEEL; TUBE MATERIAL: BRASS; CONNECTION MATERIAL: BRASS; CONNECTION LOCATION: BOTTOM; MOUNT: PANEL OR STEM; FILLED: SILICON; SUPPL P/N: 100MIX/A1/2; RANGE: 0-1000 KILOPASCAL	EA
0154655	THERMOMETER, DIAL: STEM LENGTH: 200 MM; DIAL SIZE: 100 MM; CONNECTION LOCATION: BOTTOM; CONNECTION: 20 MM BSP; MATERIAL: STAINLESS STEEL; MODEL NO: K290; RANGE: 0-60 DEGREE CENTIGRADE	EA

0154886	GAUGE, PRESSURE: DIAL SIZE: 100 MM; CONNECTION TYPE: BSP; CONNECTION SIZE: 3/8 IN; CASE MATERIAL: MS; TUBE MATERIAL: BRASS; CONNECTION MATERIAL: BRASS; CONNECTION LOCATION: BOTTOM; MOUNT: PANEL OR STEM; FILLED: NONE; NON FILLED WITH BRS INTERNALS; RANGE: 0-1600 KILOPASCAL	EA
0178759	COMPUTER: TYPE: KEYPAD DATA SET; PRECIPS PC1000 + 1001	EA
0179444	CONTROL: TYPE: LEVEL ALARM DISPLAY; COAXIAL CABLE, CONDUCTOR RG58, POSITION 1	EA
0186202	WINDOW, SIGHT: MATERIAL: GLASS; DIMENSIONS: OD 31.85 MM; TYPE: OIL LEVEL; SUPPL P/N: 395539-1119; DAIMOND POWER	EA
0211803	DETECTOR, RESISTANCE TEMPERATURE: TEMPERATURE RATING: 0-100 DEG C; RESISTANCE: 100 OHM; WIRE: 3; SHEATH MATERIAL: SS GR 316; SUPPL P/N: CLASS- A PT100; ELEMENT SIZE 6MM DIA X 280MM LG, SUPPLIED WITH 5M PVC CABLE 105 DEG CELCIUS, MAGNESIUM POWDER FILLED MGO, WITH POT SEAL/SUPPORT SPRING	EA
0217729	KIT: TYPE: REPAIR; APPLICATION: AMPLIFIER PILOT; COMPRISING: DIAPHRAGM; O-RING; SEAL; SUPPL P/N: 283SK	EA
0223826	POSITIONER, VALVE: TYPE: ELECTROPNEUMATIC; SUPPLY PRESSURE: MAX 6.2 BAR; INPUT: 4-20 MA DC; MANUF P/N: FS3661-22; FS 3661-22; INSTRUMENT TYPE: 3661; ACTION: DIRECT; BYPASS: NO; INSTRUMENT GAUGE: YES; OUTPUT GAUGES: 0-160 PSI/MPA; HAZARDOUS AREA APPROVAL: FMIS; PRESSURE CONNECTION: 1/4 NPT; CONDUIT CONNECTION: 1/2 NPT; FLOW SCANNER TEST FITTINGS: NONE; TRAVEL RANGE: 3/4 TO 2 INCH; AMBIENT TEMP LIMITS: -04 TO 140F; PROTECTIVE PLASTIC PLUGS: WITHOUT; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA
0224340	DISPLAY UNIT: TYPE: LEVEL SENSOR; POWER SOURCE: 24 V; SUPPL P/N: 381; REFERENCE NO: MET 381 XX; FOR BUNKER LEVELS, SINGLE SIGNAL CONDITIONING INSTRUMENT AND INDICATION FOR CONTINUOUS MEASUREMENT WITH INTERGRATED LEVEL SWITCHES; 0-70 M; VEGAPLUS; VEGAMET	EA
0234324	SENSOR, FLOW: MEDIUM: LIQUID; DIMENSIONS: DIA 54 X WD 321 X HT 320 MM; FLOW RATE: 108 KG/HR; PRESSURE RATING: 100 BAR; MATERIAL: SS GR 314; ACCURACY OF 10PCT ON; DENSITY RANGE OF 0-5; DENSITY ACCURACY 0.0005 G/U; TEMPERATURE ACCURACY 1 DEG C; TEMPERATURE RATING -240 DEG C TO 204 DEG C; WETTED PARTS MUST BE CONSTRUCTED WITH SS 316; HOUSING TO BE CONSTRUCTED WITH SS 304; RANGE 0-82 KG/H; TYPE ELITE; WITH STEAM JACKET FLANGED VERSION WITH EXTENSION FOR WIRE CONNECTION; ITEM MUST COME COMPLETE WITH MICROMOTION CORIOLIS TRANSMITTER MODEL NUMBER: 5700C13AFZAZZZAZZZZ AND WITH 10FT SHIELDED CABLE PART NO: CFEPS1A010 AND J/BOX ASSEMBLY PART NO: SRPJBOXKITAL AND WITH CORRIOLIS METER MODEL NO: CMFS010M150N4FZEKZZ; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA
0240574	CONTROLLER: TYPE: THYRISTOR DRIVE; RANGE: 0-380 VAC; RATING: 400 V 160 A 105 KW 3 PH; OUTPUT: 150 A; INPUT: 4 TO 20 MA; SUPPL P/N: K6550/AL/400/160A; FUSED CONNECTION IN LINE, MOUNTING BASE 400 X 330 X 250 MM TOP-BOTTOM, ENCLOSURE IP54 5 PCT ACCURACY; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA

0244209	CONVERTER, SIGNAL: INPUT: 4-20 MA; OUTPUT: 0-20 MA; APPLICATION: TRANSMITTER P PRESSURE, SITRANS; SPECIFICATION: 7MF4997-2GC; 4-WIRE CONNECTION (V60 / V61); UC 24 V, 2XPG DOWNWARDS FOR 7MF4-2 AND 74MF4-3 BUT NOT FOR EX/HART; MOUNTING THREAD M20 X 1.5	EA
0246001	ANALYZER: TYPE: AL OXIDE MOISTURE SENSOR; RANGE: -80 TO 20 DEG C; MANUF P/N: M2LR; DEW POINT PROBE ACCURACY +/-3.6 DEG F(+/-2 DEG C) IN RANGE OF 140 TO -85 DEG F(60 TO -65 DEG C) REPEATABILITY +/-0.9 DEG F (+/-0.5 DEG C) IN RANGE OF 140 TO -85 DEG F (60 TO -65 DEG C) OPERATED PRESSURE 6 BAR RESPONSE TIME <63% IN MOISTURE CONTENT IMPEDANCE RANGE 50 K OHMS TO 2 M OHMS DEPENDING ON WATER VAPOUR; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA
0246195	TRANSMITTER, FLOW: SUPPLY: 125/250 V 15/7 A; WORKING PRESSURE: 125 PSI; BODY MATERIAL: BRZ 85-5-5-5 ACID DIP; MODEL NO: 816BC; APPLICATION MILL GEARBOX, DIAL ALUMINIUM BACKGROUND WITH BLACK GRADUATIONS, POINTER BRASS PAINTED RED, WINDOW CLEAR ACRYLIC PLASTIC, HEAD GASKET GARLOCK 7022, SEAL VITON A, O RING SEAL, WEATHERPROOF HEAD, TELEFLO SWITCH SPDT; CONNECTION: 2 IN-NPT; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA
0251523	GLASS, SIGHT: DIMENSIONS: WD 30 X LG 265 X THK 25 MM; MATERIAL: PERSPEX; COLOR: CLEAR; SHAPE: RECT; BETWEEN BOLTS 225 MM CENTRE, COMPLETE WITH BOLTS AND GASKET	EA
0251524	GLASS, SIGHT: DIMENSIONS: WD 30 X LG 185 X THK 25 MM; MATERIAL: PERSPEX; COLOR: CLEAR; SHAPE: RECT; 145 MM BETWEEN BOLTS CENTRES, COMPLETE WITH BOLTS AND GASKET	EA
0253059	SENSOR: TYPE: MAGNETIC FLOAT SWITCH; RATING: 230 VDC 0.5 A 50 W; MODEL NO: 60-ARV2-VS0-L330/12-2/V52A-EX; MATERIAL SS 316 TI (1.4571); IP65; OPERATING TEMPERATURE -30 TO 150 DEG C; TERMINAL BOX ALUMINIUM GUIDE TUBE LENGTH 330 MM; RANGE: -30 TO 150 DEGREE CENTIGRADE; DIMENSIONS: OD 12 MILLIMETER	EA
0500085	METER, ELECTRICAL: TYPE: AMP; RANGE: 0-100 A; READOUT: ANALOG; FACE SIZE: SQ 96 MM; OPERATION: COIL	EA
0557264	TRANSPONDER: POWER: 21-28 V; MANUF P/N: SPF 3500; REFERENCE NO: S24218-F14-A1; INPUTS: MONITORED ALARM LINES 4 OPERATING ON THE BASIS OF THE FIXED TRESHOLD DETECTION SYSTEM: VOLTAGE OF MONITOR: 20V ED ALARM LINE (MPL); LINE RESISTANCE: 140 OHMS; TERMINATING RESISTOR OF THE MPL: 3.3 KOHMS; CONNECTABLE DETECTORS PER MPL: 32; OUTPUTS: MONITORED OR NON MONITORED CONTROL OUTPUTS: 4; CONTROL VOLTAGE: 20V; CONTROL CURRENT PER OUTPUT: 50 MA-126 MA; SUM ON THE OUTPUT CURRENTS: 210 MA; CONNECTION TERMINALS: SCREWLESS; WIRE CROSS SECTION PRE-TERMINAL: 1.5 MM SQUARE; ENCLOSURE IN ACCORDANCE WITH EN 60529: IP 54; HOUSING: POLY-CARBONATE; COLOR: LIGHT GREY (SIMILAR RAL 7035); WEIGHT: 0.370 KG; PERMITTED AMBIENT TEMPERATURE: -25 TO +70 DEG C; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA
0587692	ANALYZER, GAS: TYPE: H2; O2; MANUF P/N: 1035324; ADOS GTR 196 EX; THIS PART NUMBER ALSO INCLUDE THE SOLENOIDE VALVES; INLINE FILTER; FLOW SWITCH; METERING VALVE AND REGULATOR NECESSARY TO INSTALL THIS ANALYSER	EA

0600177	ANALYZER: TYPE: CO2; RANGE: 0-100 H2; POWER SOURCE: 220 V 50 HZ; OEM P/N: 45054965; 0-100 PCT OF AIR WITH FLAME TRAPS; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA
0600347	TRANSMITTER, LEVEL: RANGE: 0-15 M; OUTPUT: 4-20 MA; SUPPLY: 12-35 VDC; WORKING PRESSURE: 3 BAR; TYPE: RADAR; BODY MATERIAL: PLASTIC; ELECTRICAL CONNECTION: 2 WIRE; ENCLOSURE: IP67; SUPPL P/N: VEGAPULS 31; 80 GHZ; COUNTER NUT TO BE INCLUDED; INTERGRATED ON SITE DISPLAY AND 3 KEY OPERATION; CONNECTION: G1 1/2 IN THREADED BOSS	EA
0600735	TRANSMITTER, LEVEL: RANGE: 0-20 M; OUTPUT: 4-20 MA; SUPPLY: 11-32 VDC; WORKING PRESSURE: 0-2.5 BAR; TYPE: ULTRASONIC; ELECTRICAL CONNECTION: 2 WIRE; APPLICATION: FILTERED WATER; ENCLOSURE: IP68; NON CONTACT ULTRASONIC TIME OF FLIGHT: DISTANCE: 20M; CONSUMPTION: IW: COMMUNICATION: PROFIBUS PA: ACCURACY +/-0.2 PERCENTAGE; PROCESS T: -40 TO 80 DEG C; CONNECTION: FLANGE	EA
0615524	INDICATOR: TYPE: TRANSDUCER DISPLACEMENT; SCALE: 0 TO 1.62 MM; RATING: 0 TO 5 VDC; SUPPL P/N: LP-100F-15 RES 1K; RANGE: 0-100 PERCENT; DIMENSIONS: WD 22 X LG 240 MILLIMETER	EA
0620775	ANALYZER, GAS: TYPE: HYDROGEN; DISPLAY: FULL COLOUR TOUCH SCREEN; MODEL NO: NOVA 430QNA4; METHOD OF DETECTION THERMAL CONDUCTIVITY HYDROGEN DETECTOR; HEATED AND TEMPERATURE CONTROLLED FOR MAXIMUM STABILITY; MEASURING RANGE: 0 TO 10 PERCENT HYDROGEN IN AIR; RESOLUTION: 0.1 PERCENT HYDROGEN; ACCURACY AND REPEATABILITY +/- TO 1.0 PERCENT OF FS; DRIFT: LESS THAN 1 PERCENT OF FS PER MONTH; RESPONSE TIME: 10 TO 15 SECS TO 90 PERCENT STEP CHANGE; AMBIENT TEMPERATURE RANGE: 0 TO 50 DEG C; LINEARITY +/- 1 PERCENT OF FS DISPLAY; OUTPUT: ISOLATED 4 TO 20 MA OUT FOR DATA TRANSMISSION GREATER THAN 30 M; SUPPLY POWER: 220VAC AT 50HZ; CABINET: NEMA 4 WALL MOUNT WATER PROOF GENERAL PURPOSE NONE HAZARDOUS AREA RATING; ALARM: LOW FLOW RELAY SET C/W INDICATOR LIGHT; SAMPLING: BUILT IN SAMPLE PUMP FILTER AND FLOW METER; ERSA TO INCLUDE: WARNING ALARM HIGH H2 RELAY SET C/W INDICATOR LIGHT POTENTIAL FREE CONTACT N/O	EA
0624589	DISPLAY UNIT: TYPE: PRE PROGRAMMED; POWER SOURCE: 24 VDC; READOUT: 160 X 64; DIMENSIONS: WD 1.7 X LG 10.4 X HT 6.4 MM; SUPPL P/N: ILSS-002; 06 DOT STANDARD FONT; ITEM IS USED ON THE MILLING PLANT INTEL I LUB SYSTEM	EA
0628211	SWITCH, PRESSURE: TYPE: AIR; RANGE: 0.12 BAR; ACTION: SPDT; ENCLOSURE RATING: NEMA 4; SUPPL P/N: D1T-H2-SS; ADJUSTABLE RANGE 0.001-0.2 BAR; CONNECTION: BOTTOM 1/4 IN-NPT; POTENTIAL: 250 VOLT ALTERNATING CURRENT; CURRENT: 10 AMPERE; CONTACT ARRANGEMENT: 1NO 1NC	EA
0638611	CONVERTER: TYPE: ANALYZER CONTROL UNIT; INPUT: 230 V 1100 W; OUTPUT: 5-24 VDC; APPLICATION: PROCAL P2000; REFERENCE NO: 1-0200; PANEL PC INTEGRATED WITH AN OUTPUT/INPUT UNIT USED TO CONTROL & LOG ALL INFORMATION RECEIVED FROM THE OPTICAL HEAD UNIT; SINGLE PHASE	EA
0638666	CONVERTER: TYPE: PROCAL I/P AND O/P UNIT; INPUT: 230 VAC; OUTPUT: 4-20 MA; APPLICATION: ACU; RATING: 230 VAC 1100 W; REFERENCE NO: 1-0101; SERIAL CABLE TO PROVIDE ADDITIONAL INPUTS CURRENT OUTPUT AND RELAY OUTPUT TO ANY SYSTEM; EACH UNIT CAN PROVIDE UP TO 3 L INPUT OR OUTPUT MODULES (MIXED ALLOCATION) HAS UP TO 32 RELAYS AND PROVIDE 16 DIGITAL INPUT	EA

0639569	DEVICE: TYPE: CONDUCTIVITY METER PROBE 5M WITH CABLE; APPLICATION: DEMIN PRODUCTION PLANT; SUPPL P/N: CLS21D-C1E1; CYK10-A051; MEASURING RANGE: 0.04-20 K EQUALS TO 1 MOCROSIEMENS PER CENTIMETER; PROCESS CONNECTION: THREAD G1, PES; 10UB11/12/13/31/33A001	EA
0644872	ANALYZER: TYPE: AMI SILITRACE; RANGE: 0.5-1000 PPB; POWER SOURCE: 100-240 VAC; SPECIFICATION: A-25.431.100; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA
0661589	MONITOR: TYPE: HMI TOUCH SCREEN; RANGE: 0-3000 KPA; POWER SOURCE: 220 V; SUPPL P/N: MP277	EA
0681652	GAS: TYPE: S CANDISK 103/110; PURITY: O2 20.9 PCT; CONTAINER: 1.55 L; 19.75 PERCENT GAV VALUE; TOLERANCE: PLUS OR MINUS 5 PERCENT; BALANCE N2; DO NOT REFILL CAN; COMPLETE WITH TEST CERTIFICATE CERTIFICATE	EA
0686790	TRANSMITTER: TYPE: FERROSTAT SPEED SENSOR; OUTPUT: 0-10 KHZ; SUPPLY: 10-30 VDC; SUPPL P/N: DSF1610.00 SHV; ITEM NUMBER: 374Z-03933; 5M TEFLON CABLE; RANGE: 0.05 TO 20 KILO HERTZ	EA
0698976	RECORDER: TYPE: PAPERLESS GRAPHIC; POTENTIAL: -20V TO 20 VDC; REFERENCE NO: 6100A/U12/XXX; RELAY: 250VAC 2A; 12 INPUT CHANNELS; PANEL MOUNT; LOCK: NO MEDIA; CASE COLOUR: SILVER; VH POWER SUPPLY: 85-264VAC 45-65HZ; 24V POWER SUPPLY NOT FITTED; NON STANDARD OPTION; INTERNAL MEMORY: 096M; REMOVABLE MEDIA CF COMPACT FLASH AND FRONT USB PORT; 08G MEMORY CARD NOT FITTED; NOMS USB MEMORY STICK NOT FITTED; 0RUSB NO REAR USB PORTS; 0SRL NO SERIAL COMMS FITTED; 06 CHANGEOVER RELAYS FITTED; 24 QTY OF SHUNTS; SHUNTS: 100 OHM; WL005 EXTENDED WARRANTY; BRIDGE FULL SOFTWARE; REVIEW AND QUICK CHART (RLITE) REVIEW LITE AND QUICKCHART LITE; 6 GROUPS STANDARD; MTC36 MATHS; TOTALIZERS AND COUNTERS: 36 VIRTUAL CHANNELS; CODE: 6100A/ U12/ PANEL/ NOLCK/ SLV/ VH/ NONE/ XXXXXX/ 096M/ CF/ 008G/ NOMS/ 0RUSB/ 0SRL/ NONECAL/ 06/ 00/ 00/ 00/ 00/ 12/ 100/ WL005/ BFULL/ RLITE/ NOADT/ NOSM/ 06GROUP/ MTC36/ NOBTCH/ NOSB/ NOMSTR; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA
0749176	CONTROLLER, ELECTRONIC: TYPE: SPEED CONTROLLER; POTENTIAL: 220 VAC; OUTPUT: 90 VDC; INPUT: 4-20 MA; MOUNTING: SCREW MOUNT; CURRENT: 5 A; OEM P/N: 5001TCP; THIS CONTROLLER MODULE IS USED TO DRIVE A MAGNETIC CLUTCH WHICH INCREASE OR DECREASE THE COAL FEEDER SPEED.	EA
0773417	THERMISTOR: RANGE: -; REFERENCE NO: 1-0004; PROCAL TEMPERATURE PROBE ANALYZER HEAD	EA
0773418	TRANSDUCER: TYPE: -; INPUT: -; POWER SOURCE: -; REFERENCE NO: 1-0005; PROCAL 2000 PRESSURE TRANSDUCER ASSEMBLY	EA
0773419	TRANSMITTER: TYPE: -; OUTPUT: -; SUPPLY: -; REFERENCE NO: 1-0007E; IR SOURCE	EA
0773897	CONTROLLER, ELECTRONIC: TYPE: VOLTAGE; POTENTIAL: 400 V; OUTPUT: 75 KV; INPUT: 400 V	EA
0777382	THERMOSTAT: TYPE: GEYSER THERMOSTAT; CURRENT: 22.7 A; POWER SUPPLY: 220 VAC; CONTROL METHOD: AUTO CUT OFF; TEMPERATURE RATING: 30-83 DEG C; 200L AND 150 L	EA

0782056	ANALYZER: TYPE: PH PROBE AND CONTROLLER; RANGE: 5-9 PH; POWER SOURCE: 240 V; VENDORS ARE RESPONSIBLE FOR ENSURING THAT THEY ARE PERFORMING AGAINST THE CORRECT DRAWING REVISION NUMBER (IF APPLICABLE).	EA
0785044	METER, FLOW: TYPE: ELECTROMAGNETIC; MATERIAL: CARBON STEEL; APPLICATION: FLOW MEASUREMENT; POWER SUPPLY: 100 - 240 VAC; DESIGN RATING: 40 BAR; PROCESS CONNECTION: PN16, CARBON STEEL, FLANGE EN1092-1; ELECTRICAL CONNECTION: GLAND M20; DISPLAY: PROMAG 400; BODY MATERIAL: ALUMINUM COATED; ENCLOSURE RATING: IP68 TYPE 6P; CURRENT: 4-20 MA; NOMINAL BORE: 1-10 IN; OUTPUT: 4-20 MA; POWER: 50 W; POTENTIAL: 240 V AC/DC; RANGE: 0-500 M3/HR	EA
0787031	ASSEMBLY: TYPE: SENSOR; APPLICATION: TEMPERATURE SENSOR; SUPPL P/N: 1-0059; THIS IS THE TEMPERATURE ASSEMBLY BOARD WHERE THE PROTEA P2000 GAS ANALYSER SAMPLE TEMPERATURE CONNECTS TO.	EA

Functionality requirements

- Submission of Datasheet is required for all items quoted for by the Tender: Evaluation will take place for Acceptance of the datasheets.
- Lead time to be indicated on each item quoted for in the enquiry.
- Tenders are to quote on at least 80% of the items out on Tender or will be automatically disqualified from Further Evaluations.