



MTT
MY TELECOM TECHNOLOGY

GENERAL CLIENT EDITION | 2026

Safety, PPE & Emergency Equipment Master Catalogue

A practical specification and requirement guide for industrial, utility and manufacturing operations.

PERSONAL PROTECTION

ELECTRICAL SAFETY

EMERGENCY RESPONSE

DOCUMENT

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Contents and how to use this catalogue

This edition contains Sections A-C: personal protective equipment, safety tools and electrical work equipment, and emergency, rescue and environmental equipment. It carries no prices and no commercial terms.

Each item carries a unique code, for example A5-04, matched to its product image. Use the code when requesting quotations, approving equivalent products, recording inspections or managing replacement stock.

SECTION	CONTENTS	COVERAGE
Section A	Personal protective equipment	54 items in 8 groups, head through fall protection
Section B	Safety tools and electrical work equipment	46 items in 8 groups, insulated tools through area control
Section C	Emergency, rescue and environmental equipment	32 items in 7 groups, AED through spill control

132 catalogued items across Sections A-C

Standards citations support identification and procurement; the current edition of each governing standard applies.



Section A Personal protective equipment

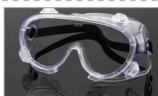
A1 Head protection

Photo	Code	Item	Description and specification	Standard	Class / rating	Unit	Spare parts and consumables	Inspection interval
 A1-01	A1-01	Safety helmet Type I Class E	HDPE shell, 4- or 6-point ratchet suspension, non-vented, accessory slots for shield and earmuffs	ANSI Z89.1 Type I CI E / EN 397	20 kV proof	ea	Suspension harness, sweatband, chin strap, brim guard, reflective decal set	Before use / harness 12 mo / shell 5 yr
 A1-02	A1-02	Safety helmet Type II Class E	Lateral impact protection, EPS foam liner, 4-point chin strap, climbing style	ANSI Z89.1 Type II CI E / EN 12492	20 kV proof	ea	Suspension harness, foam liner, chin strap, sweatband	Before use / harness 12 mo / shell 5 yr
 A1-03	A1-03	Arc-rated helmet liner / balaclava	Modacrylic knit hood worn under helmet, single or double layer, eye opening	ASTM F1506 / EN 61482-1-2	ATPV 10 cal/cm2	ea	Replacement unit only, FR laundering service	Before use, inspect for holes and thinning
 A1-04	A1-04	Bump cap	ABS shell insert in baseball-style cap, ventilated, non-electrical, low-headroom areas	EN 812	Not electrical	ea	ABS insert, cap outer shell	Before use
 A1-05	A1-05	Thermal / winter helmet liner	FR fleece full neck and shoulder liner, helmet compatible	ASTM F1506	ATPV 8 cal/cm2	ea	Replacement unit, FR laundering service	Seasonal issue, inspect on receipt

A2 Eye and face protection

Photo	Code	Item	Description and specification	Standard	Class / rating	Unit	Spare parts and consumables	Inspection interval
 A2-01	A2-01	Safety spectacles	Polycarbonate wrap lens, anti-fog and anti-scratch coat, integral side shields, clear / smoke / amber / IR shade	ANSI Z87.1+ / EN 166 1F	Z87+ high impact	ea	Replacement lens, temple arms, neck cord, lens cleaning station and wipes	Before use, replace when pitted
 A2-02	A2-02	Chemical splash goggles	Indirect-vented sealed frame, over-the-glasses fit, adjustable elastic headband	ANSI Z87.1 D3 / EN 166 3	D3 splash	ea	Lens, headband, indirect vent caps, anti-fog wipes	Before use



Photo	Code	Item	Description and specification	Standard	Class / rating	Unit	Spare parts and consumables	Inspection interval
 A2-03	A2-03	Dust and impact goggles	Direct-vented, sealed foam face gasket, dust and flying particle duty	ANSI Z87.1 D4 / EN 166 4	D4 dust	ea	Lens, headband, foam gasket	Before use
 A2-04	A2-04	Face shield with ratchet headgear	200 mm polycarbonate visor, ratchet crown adjuster, chin guard, brow guard	ANSI Z87.1 / EN 166 3B	D3 splash / B impact	ea	Visor, headgear, chin guard, brow guard, mounting adaptor	Before use
 A2-05	A2-05	Arc-flash face shield with balaclava	Coated polycarbonate arc shield, helmet-mounted bracket, worn with AR balaclava, 180 degree wrap	ASTM F2178 / EN 61482-1-2	12 cal/cm2 min	set	Visor, AR balaclava, mounting bracket, chin cup	Before use, replace visor if crazed
 A2-06	A2-06	Arc-flash hood, 40 cal	Full head and shoulder hood, multilayer AR fabric, wide-view coated visor, optional integral fan	ASTM F2178 / NFPA 70E Cat 4	40 cal/cm2	ea	Visor, fan unit and battery, filter, storage and carry bag	Before use / annual visor condition review
 A2-07	A2-07	Auto-darkening welding helmet	Shade 9-13 variable, 4-arc sensor, grind mode, solar plus lithium cell, 100 x 50 mm view	ANSI Z87.1 / EN 379 1/1/1/2	Shade 9-13	ea	ADF cartridge, inner and outer cover lens, headgear, lithium cell, sweatband	Before use, cover lens per shift

A3 Hearing protection

Photo	Code	Item	Description and specification	Standard	Class / rating	Unit	Spare parts and consumables	Inspection interval
 A3-01	A3-01	Disposable foam earplugs	Polyurethane tapered foam, uncorded, individually wrapped, dispenser fed	ANSI S3.19 / EN 352-2	NRR 32 / SNR 37	box 200 pr	Dispenser refill bottle, wall dispenser	Single use
 A3-02	A3-02	Reusable corded earplugs	TPE triple-flange, washable, cord and carry case, detectable option	EN 352-2	NRR 25 / SNR 30	pr	Replacement pods, cord, carry case	Wash daily, replace pods 1 mo
 A3-03	A3-03	Banded earplugs	Semi-aural band, quick on and off for intermittent noise areas	EN 352-2	NRR 21 / SNR 26	ea	Replacement pods, band	Replace pods monthly



Photo	Code	Item	Description and specification	Standard	Class / rating	Unit	Spare parts and consumables	Inspection interval
 A3-04	A3-04	Earmuffs	Dielectric headband, ABS cups, folding, helmet-mount variant available	ANSI S3.19 / EN 352-1	NRR 31 / SNR 35	pr	Ear cushions, foam inserts, headband, hygiene kit	Before use / cushion change 6 mo
 A3-05	A3-05	Communication earmuffs	Level-dependent, two-way radio or Bluetooth, boom mic, ambient listening	EN 352-1 / -4 / -6	NRR 24 / SNR 30	ea	Battery, charger, boom mic, ear cushions, hygiene kit, radio lead	Before use / cushion change 6 mo

A4 Respiratory protection

Photo	Code	Item	Description and specification	Standard	Class / rating	Unit	Spare parts and consumables	Inspection interval
 A4-01	A4-01	Filtering facepiece respirator	Disposable cup or flat-fold, valved and unvalved, nuisance-odour carbon option	NIOSH N95 / EN 149 FFP2 and FFP3	N95 / FFP2 / FFP3	box 20	None, single-use consumable	Discard after shift or when soiled
 A4-02	A4-02	Half-face air-purifying respirator	Silicone facepiece S/M/L, twin bayonet cartridge ports, 4-point cradle harness	42 CFR 84 / EN 140	APF 10	ea	P100 particulate filter, A1B1E1K1 gas cartridge, filter retainer, inhalation and exhalation valve, head harness	Before use, fit check each donning
 A4-03	A4-03	Full-face air-purifying respirator	Polycarbonate panoramic visor, 5-point harness, speech diaphragm, spectacle kit option	EN 136 Cl 2 / 42 CFR 84	APF 50	ea	Filter and cartridge, visor tear-off film, valve set, harness, spectacle insert	Before use / annual full service
 A4-04	A4-04	Powered air-purifying respirator	Belt-mounted blower, breathing tube, loose-fitting hood or tight facepiece, flow alarm	EN 12941 TH3 / NIOSH PAPR	APF 1000	ea	Battery, charger, blower filter and prefilter, breathing tube, hood, belt, flow indicator	Flow check before use / battery 2 yr
 A4-05	A4-05	Self-contained breathing apparatus, 30 min	6.8 L / 300 bar composite cylinder, positive pressure demand valve, pressure gauge and whistle, back plate harness	EN 137 Type 2 / NFPA 1981	300 bar	ea	Spare cylinder, first-stage regulator, demand valve, facepiece, harness webbing, O-ring service kit	Monthly check / annual service / cylinder hydro 5 yr
 A4-06	A4-06	Self-contained breathing apparatus, 45 min	9.0 L / 300 bar composite cylinder, telemetry-ready, same harness platform as 30 min set	EN 137 Type 2 / NFPA 1981	300 bar	ea	Spare cylinder, regulator, demand valve, facepiece, O-ring service kit	Monthly check / annual service / cylinder hydro 5 yr



Photo	Code	Item	Description and specification	Standard	Class / rating	Unit	Spare parts and consumables	Inspection interval
 A4-07	A4-07	Escape breathing apparatus	Constant-flow hood, 10 or 15 min duration, sealed carry pouch, single use	EN 1146	10 / 15 min	ea	Cylinder assembly, hood, carry pouch	Monthly gauge check / annual inspection

A5 Hand protection

Photo	Code	Item	Description and specification	Standard	Class / rating	Unit	Spare parts and consumables	Inspection interval
 A5-01	A5-01	Cut-resistant gloves A2 to A4	HPPE and glass fibre liner, PU or nitrile foam palm coat, 13 or 15 gauge, touchscreen tip	ANSI/ISEA 105 A2-A4 / EN 388 4X42B	Cut A2 to A4	pr	None, replace complete pair	Before use, discard when cut or worn through
 A5-02	A5-02	Cut-resistant gloves A5 to A9	HPPE with steel or glass core, sandy nitrile palm, impact-back option, 18 gauge	ANSI/ISEA 105 A5-A9 / EN 388 4X43E	Cut A5 to A9	pr	None, replace complete pair	Before use
 A5-03	A5-03	Chemical resistant gloves	Unsupported nitrile, butyl, PVC or fluoroelastomer, 330 to 450 mm, flock or unlined	EN 374-1 Type A / ASTM F739	Perm. codes A to T	pr	Cotton inner liner, chemical resistance chart	Before use, leak test by inflation
 A5-04	A5-04	Rubber insulating gloves, Class 00 to 4	Type I natural rubber, 280 / 360 / 410 mm, colour-coded by class, straight or contour cuff, issued with leather protectors	ASTM D120 / IEC 60903 / EN 60903	CI 00 500 V to CI 4 36 kV	pr	Leather protector gloves, canvas storage bag, glove inflator test unit, talc, class label set	Air test before use / 6 mo in service / 12 mo in stock
 A5-05	A5-05	Leather protector gloves	Goatskin or cowhide protector worn over rubber insulating gloves, cuff matched to glove class	ASTM F696	Mechanical only	pr	None, replace complete pair	Before use, discard if oil-soaked or torn
 A5-06	A5-06	Arc-rated gloves	AR goatskin or AR knit with grip coat, 150 mm cuff, for arc thermal hazard without shock hazard	ASTM F2675 / EN 61482-1-2	ATPV 12 to 40 cal/cm2	pr	None, replace complete pair	Before use
 A5-07	A5-07	Welding gloves	Split cowhide, Kevlar stitched, wool-lined back, 350 to 400 mm gauntlet, MIG and stick duty	EN 12477 Type A / EN 407	Contact heat level 3	pr	None, replace complete pair	Before use



Photo	Code	Item	Description and specification	Standard	Class / rating	Unit	Spare parts and consumables	Inspection interval
 A5-08	A5-08	Anti-vibration gloves	Gel and foam palm pad, full finger, for breakers, grinders and impact tools	ISO 10819 / EN 388	AV class 2	pr	None, replace complete pair	Before use

A6 Body protection

Photo	Code	Item	Description and specification	Standard	Class / rating	Unit	Spare parts and consumables	Inspection interval
 A6-01	A6-01	High-visibility vest, Class 2	Polyester mesh, 50 mm retroreflective banding, five-point breakaway, ID pocket	ANSI/ISEA 107 CI 2 / EN ISO 20471 CI 2	Class 2	ea	None, replace when banding degraded	Before use, replace after 25 washes
 A6-02	A6-02	High-visibility jacket, Class 3	Waterproof breathable shell, sleeves, detachable hood, 300 mm minimum banding	ANSI/ISEA 107 CI 3 / EN ISO 20471 CI 3	Class 3	ea	Hood, zip pull, seam seal service	Before use
 A6-03	A6-03	Arc-rated coverall, 8 cal	6.5 oz AR cotton-nylon, FR concealed zip, action back, hi-vis banded option	ASTM F1506 / EN 61482-2 / NFPA 70E Cat 1-2	ATPV 8 cal/cm2	ea	FR industrial laundering, FR zip, size exchange stock, name and company badge	Before use / laundering record kept
 A6-04	A6-04	Arc-rated suit, 25 to 40 cal	Multilayer AR jacket and bib overall, worn with 40 cal hood and AR gloves, carry bag	ASTM F1506 / NFPA 70E Cat 3-4	ATPV 25 / 40 cal/cm2	set	Hood, AR gloves, storage and carry bag, FR laundering	Before use / label legibility annual
 A6-05	A6-05	Arc-rated shirt and trousers, 12 cal	Two-piece daily wear AR, 7 oz twill, FR buttons, no exposed metal	ASTM F1506 / EN 61482-2	ATPV 12 cal/cm2	set	FR laundering, FR buttons, size exchange stock	Before use
 A6-06	A6-06	FR rainwear	Neoprene or PVC on AR substrate, jacket and bib trouser, storm flap, taped seams	ASTM F1891 / EN 343 3-1	ATPV 8 cal/cm2	set	Storm flap, seam seal service, hood	Before use
 A6-07	A6-07	Chemical protective suit, Type 3 / 4 / 5 / 6	Taped or stitched seam, hooded, integrated sock or boot cover, thumb loop	EN 14605 / EN ISO 13982-1 / EN 13034	Type 3, 4, 5, 6	ea	Seam tape roll, visor, spare gloves, disposal bags	Single use or per manufacturer decontamination limit



Photo	Code	Item	Description and specification	Standard	Class / rating	Unit	Spare parts and consumables	Inspection interval
 A6-08	A6-08	Welding leathers and apron	Split leather jacket, bib apron, detachable sleeves, spats and leggings	EN ISO 11611 CI 2 A1+A2	Class 2	set	Straps, buckles, sleeve set, spats	Before use

A7 Foot protection

Photo	Code	Item	Description and specification	Standard	Class / rating	Unit	Spare parts and consumables	Inspection interval
 A7-01	A7-01	Safety-toe boot, S3	Composite or steel toe, penetration-resistant midsole, water-resistant leather, 150 to 200 mm shaft	ASTM F2413 I/75 C/75 / EN ISO 20345 S3 SRC	200 J toe / 1100 N midsole	pr	Laces, insoles, leather care kit, replacement tongue pad	Before use / replace 12 mo typical
 A7-02	A7-02	Electrical hazard boot, EH rated	Non-conductive sole and heel, no exposed metal, secondary shock protection	ASTM F2413 EH / EN ISO 20345 S3 SRC	18 kV / 1 min	pr	Laces, insoles	Before use, discard if sole punctured
 A7-03	A7-03	Dielectric overshoe	Pull-on rubber overboot worn over work boot for switching and live work	ASTM F1117 / ASTM F1116	20 kV proof / 14 kV max use	pr	None, replace complete pair	Before use visual / 12 mo electrical retest
 A7-04	A7-04	Metatarsal boot	Internal or external metatarsal guard, safety toe, for foundry and heavy handling	ASTM F2413 M/75 / EN ISO 20345 M	100 J metatarsal	pr	Laces, insoles, external guard	Before use
 A7-05	A7-05	Chemical and acid boot	PVC or nitrile knee boot, steel toe and midsole, cleated sole	EN 13832-3 / EN ISO 20345 S5	S5	pr	Insoles	Before use, check for cracking
 A7-06	A7-06	Antistatic ESD shoe	0.1 to 1000 megohm resistance, composite toe, for electronics and instrument work	EN ISO 20345 S1 ESD / ANSI/ESD S20.20	0.1 to 1000 megohm	pr	Laces, ESD insoles	Resistance test on issue / monthly

A8 Fall protection



Photo	Code	Item	Description and specification	Standard	Class / rating	Unit	Spare parts and consumables	Inspection interval
 A8-01	A8-01	Full-body harness	5-point adjustment, dorsal, sternal and side positioning D-rings, AR webbing variant, quick-connect buckles	ANSI Z359.11 / EN 361	140 to 190 kg	ea	Leg and chest strap, D-ring, label kit, sub-pelvic pad	Before use / 6 mo competent person / 12 mo recertify
 A8-02	A8-02	Shock-absorbing lanyard, single leg	1.8 m web with tear-web energy pack, snap hook or 60 mm scaffold hook	ANSI Z359.13 / EN 355	6 kN max arrest force	ea	Connectors, energy absorber pack	Before use / 6 mo / retire after any arrest
 A8-03	A8-03	Twin-leg Y lanyard	100 percent tie-off, two 60 mm scaffold hooks, shared energy absorber	ANSI Z359.13 / EN 355	6 kN	ea	Connectors, energy absorber pack	Before use / 6 mo
 A8-04	A8-04	Self-retracting lifeline, 2 to 20 m	Galvanised cable or web line, integral energy absorber, swivel top, load indicator, leading-edge variant	ANSI Z359.14 SRL-P / EN 360	6 kN	ea	Snap hook, load indicator, annual factory service kit	Before use / 12 mo factory recertification
 A8-05	A8-05	Anchorage connector	Beam clamp, concrete eye bolt, web sling anchor or trolley	ANSI Z359.18 / EN 795 Type A-B	22 kN	ea	Sling, karabiner, fixing set	Before use / 12 mo
 A8-06	A8-06	Rope grab with vertical lifeline	15 or 30 m kernmantle rope with manual or automatic rope grab and energy absorber	EN 353-2 / ANSI Z359.15	15 kN	set	Rope, grab unit, karabiner, rope bag	Before use / 12 mo
 A8-07	A8-07	Work positioning belt and pole strap	Waist belt with side D-rings and adjustable pole strap for line and tower work	EN 358 / ANSI Z359.3	15 kN	ea	Pole strap, buckle, belt pad	Before use / 6 mo
 A8-08	A8-08	Rescue and controlled descent kit	Descent device, 30 m rope, edge protector, rescue harness, deployment bag	ANSI Z359.4 / EN 341 Cl A	140 kg	set	Rope, gloves, edge protector, deployment bag	12 mo full inspection



Section B Safety tools and electrical work equipment

B1 Insulated hand tools

Photo	Code	Item	Description and specification	Standard	Class / rating	Unit	Spare parts and consumables	Inspection interval
 B1-01	B1-01	Insulated screwdriver set, 1000 V	Slotted, Phillips and Pozidriv, VDE individually tested, two-component insulation, ergonomic handle	IEC 60900 / ASTM F1505	1000 V AC / 1500 V DC	set	Replace on insulation damage, storage roll	Before use visual and flex check
 B1-02	B1-02	Insulated pliers set	Combination, long-nose, diagonal side cutter, water pump, dipped or moulded insulation	IEC 60900 / ASTM F1505	1000 V AC	set	Return spring, storage roll	Before use visual
 B1-03	B1-03	Insulated cable cutter and crimping tool	Ratchet cutter to 35 mm ² Cu and Al, hexagonal crimper 6 to 50 mm ²	IEC 60900	1000 V AC	ea	Cutter blade, crimp die set, return spring	Before use / die wear check 6 mo
 B1-04	B1-04	Insulated wrench and spanner set	Combination and ring spanner 8 to 24 mm, insulated shank full length	IEC 60900	1000 V AC	set	Storage roll	Before use visual
 B1-05	B1-05	Insulated socket and T-bar set	1/2 in drive, 8 to 32 mm sockets, insulated extension and T-bar	IEC 60900	1000 V AC	set	Individual sockets, storage case	Before use visual
 B1-06	B1-06	Insulated torque wrench	5 to 60 Nm click type, calibrated, insulated shaft, for busbar and terminal torque	IEC 60900 / ISO 6789	1000 V AC	ea	Calibration certificate 12 mo, socket set	Before use / calibration 12 mo
 B1-07	B1-07	Insulated knife and cable stripper	Fixed straight and hook blade, insulated handle, sheath	IEC 60900	1000 V AC	ea	Blade, sheath	Before use, blade condition
 B1-08	B1-08	Non-sparking tool set	Copper-beryllium or aluminium-bronze, non-magnetic, for ATEX and gas-risk areas	ATEX 2014/34/EU compatible	Non-sparking	set	Individual tool replacement, storage case	Before use, clean of ferrous debris

**B2 Voltage detection**

Photo	Code	Item	Description and specification	Standard	Class / rating	Unit	Spare parts and consumables	Inspection interval
 B2-01	B2-01	Non-contact voltage detector pen	90 to 1000 V AC, audible and visual indication, integral self-test, pocket clip	IEC 61243-3	CAT IV 1000 V	ea	Battery, pocket clip	Self-test before every use
 B2-02	B2-02	Two-pole voltage tester	12 to 1000 V AC and DC, no battery required for voltage indication, phase rotation, RCD trip, continuity	IEC 61243-3	CAT IV 600 V / CAT III 1000 V	ea	Probe tips, GS38 tip guards, test leads, battery, carry pouch	Proving unit check before and after use
 B2-03	B2-03	Medium-voltage voltage detector	1 to 36 kV, hot-stick mounted, audible and visual, contact and capacitive electrode	IEC 61243-1	1 to 36 kV	ea	Battery, contact electrode, spline adaptor	Self-test before use / 12 mo test
 B2-04	B2-04	Phasing sticks and phase comparator	Resistive stick pair with analogue or digital meter, 1 to 36 kV, for phase identity	IEC 61243-1	1 to 36 kV	set	Interconnect lead, meter, stick sections, canvas bag	Before use / 12 mo electrical test
 B2-05	B2-05	Proximity voltage alarm	Wearable or helmet-mounted, adjustable threshold, audible and vibrating alert	Manufacturer type test	Sensing to 500 kV	ea	Battery, helmet clip	Function test before use

**B3 Test and measurement**

Photo	Code	Item	Description and specification	Standard	Class / rating	Unit	Spare parts and consumables	Inspection interval
 B3-01	B3-01	True-RMS digital multimeter	1000 V, 10 A, low-impedance mode, min-max, HRC fused, CAT IV rated leads	IEC 61010-1	CAT IV 600 V / CAT III 1000 V	ea	Test leads, probe tips, alligator clips, HRC fuses, battery, calibration 12 mo	Before use lead continuity / calibration 12 mo
 B3-02	B3-02	Clamp meter	1000 A AC and DC, inrush capture, 40 mm jaw, true-RMS, flexible coil option	IEC 61010-2-032	CAT IV 600 V	ea	Battery, test leads, flexible current probe, calibration 12 mo	Before use / calibration 12 mo



Photo	Code	Item	Description and specification	Standard	Class / rating	Unit	Spare parts and consumables	Inspection interval
 B3-03	B3-03	Insulation resistance tester	250 / 500 / 1000 / 2500 / 5000 V test, to 200 gigohm, PI and DAR ratios, timed test	IEC 61010-1 / IEC 60270	CAT IV 600 V	ea	Test leads and clips, battery and charger, guard lead, calibration 12 mo	Before use / calibration 12 mo
 B3-04	B3-04	Earth and ground resistance tester	3-pole and 4-pole fall-of-potential plus clamp-on, soil resistivity, stakes and lead reels	IEC 61557-5	CAT IV 600 V	set	Earth stakes, 4 lead reels, battery, calibration 12 mo	Before use / calibration 12 mo
 B3-05	B3-05	Phase rotation meter	Three-phase sequence and motor rotation direction, contact and non-contact	IEC 61010-1	CAT III 600 V	ea	Test leads, battery	Before use
 B3-06	B3-06	Micro-ohmmeter, contact resistance	100 to 600 A DC loop resistance for circuit breaker contacts, busbar joints and links	IEC 62271-1	600 A DC	ea	Kelvin clamp leads, current cable set, calibration 12 mo	Before use / calibration 12 mo

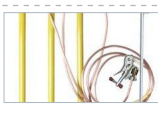
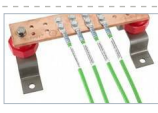
B4 Lockout and tagout

Photo	Code	Item	Description and specification	Standard	Class / rating	Unit	Spare parts and consumables	Inspection interval
 B4-01	B4-01	Safety padlock	Nylon or anodised aluminium body, non-conductive shackle, keyed different, laser engraved, master keyed system option	ASTM F1041 / OSHA 1910.147	Non-conductive shackle	ea	Keys, key cabinet, engraved ID labels	Monthly key audit
 B4-02	B4-02	Lockout hasp	Steel or aluminium scissor hasp, 4 or 6 lock capacity, 25 or 38 mm jaw	OSHA 1910.147	6 locks	ea	None, replace when sprung	Before use
 B4-03	B4-03	Circuit breaker lockout	MCB pin-in and pin-out, MCCB clamp-on, universal multi-pole and 480/600 V breaker devices	OSHA 1910.147 / NFPA 70E	Multi-pole	ea	Screw set, universal adaptor	Before use
 B4-04	B4-04	Plug and cable lockout	110 to 550 V plug enclosure, cinch cable lockout, pneumatic quick-coupling lockout	OSHA 1910.147	To 550 V plug	ea	Cable, enclosure body	Before use



Photo	Code	Item	Description and specification	Standard	Class / rating	Unit	Spare parts and consumables	Inspection interval
 B4-05	B4-05	Valve lockout	Ball valve clamp, gate valve wheel cover 25 to 330 mm, butterfly and plug valve devices	OSHA 1910.147	25 to 330 mm wheel	ea	None, replace when cracked	Before use
 B4-06	B4-06	Group lock box	Steel wall-mount or portable, 12 to 20 key capacity, multi-lock lid, permit pocket	OSHA 1910.147	12 to 20 keys	ea	Lid gasket, wall fixings	Before use
 B4-07	B4-07	Danger and caution tags	Laminated PVC write-on, do-not-operate legend, bilingual, cable tie or wire hook	ANSI Z535.5 / ISO 7010	Write-on laminate	pk 25	Tie wraps, permanent marker, tag refill pack	Replace when illegible
 B4-08	B4-08	LOTO station and shadow board	Wall board with locks, hasps, tags, devices and clear cover, 10 to 30 lock capacity	OSHA 1910.147	10 to 30 lock	ea	Full device restock kit, cover, board labels	Monthly completeness audit

⚡ B5 Earthing and grounding

Photo	Code	Item	Description and specification	Standard	Class / rating	Unit	Spare parts and consumables	Inspection interval
 B5-01	B5-01	Temporary protective ground set	70 to 120 mm ² flexible copper cable, crimped ferrule, clamp both ends, in canvas bag	ASTM F855 Grade 1-5 / IEC 61230	15 to 43 kA symmetrical	set	Clamps, cable assembly, ferrules, storage bag, insulating handle	Before use visual / 12 mo resistance and load test
 B5-02	B5-02	Cluster and equalising bar	4 to 6 way copper bar with stud terminals for common bonding point	ASTM F855 / IEC 61230	43 kA	ea	Stud set, clamp	Before use / 12 mo
 B5-03	B5-03	Personal protective ground	Short bonding jumper for the work position, low-impedance, clamp both ends	IEC 61230	15 kA	ea	Clamps, cable	Before use / 12 mo
 B5-04	B5-04	Ground cable reel and storage	Cable drum and canvas roll bag, labelled by grade and length	Manufacturer standard	Storage only	ea	Canvas roll bag, drum handle	Annual condition check

**B6 Live-line tools and insulating cover-up**

Photo	Code	Item	Description and specification	Standard	Class / rating	Unit	Spare parts and consumables	Inspection interval
 B6-01	B6-01	Telescopic hot stick	Foam-filled epoxy glass, 2 to 9 m extended, universal spline end, shock-absorbing sections	ASTM F711 / IEC 60855-1	100 kV per foot withstand	ea	Universal head, tool attachments, silicone wipes, canvas storage bag, section clamp	Wipe and visual before use / 24 mo electrical test
 B6-02	B6-02	Shotgun and clamp stick	1.8 to 3.0 m, load-rated hook and trigger mechanism, for grounds and cutout operation	ASTM F711	Load rated	ea	Hook assembly, trigger spring, wipes	Before use / 24 mo electrical test
 B6-03	B6-03	Rubber insulating blanket, Class 0 to 4	900 x 900 and 1100 x 1100 mm, Type I or Type II, eyelet or plain edge, slotted variant	ASTM D1048 / IEC 61112	CI 0 1 kV to CI 4 36 kV	ea	Blanket pins, blanket clamps, roll canister, retest service	Before use visual / 12 mo electrical retest
 B6-04	B6-04	Line hose	1.2 m sections, connector ends, Class 1 to 4, for conductor cover-up	ASTM D1050 / IEC 61112	CI 1 to CI 4, to 36 kV	ea	Connector ends, storage bag or drum	Before use visual / 12 mo electrical retest
 B6-05	B6-05	Insulator hood and pin cover	Moulded rubber hood, Class 2 to 4, pin and dead-end variants	ASTM D1049 / IEC 61112	CI 2 to CI 4, to 26 kV	ea	None, replace complete unit	Before use / 12 mo electrical retest
 B6-06	B6-06	Insulating matting	1 x 10 m roll, 3 or 6 mm, Class 0 to 4, anti-slip diamond or fine-ribbed surface	IEC 61111 / ASTM D178	CI 0 to CI 4	roll	None, cut to length	Monthly visual / 12 mo electrical retest

B7 Arc-flash detection and condition monitoring

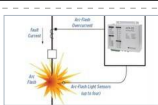
Photo	Code	Item	Description and specification	Standard	Class / rating	Unit	Spare parts and consumables	Inspection interval
 B7-01	B7-01	Arc-flash optical relay system	Point and fibre-loop light sensors with relay unit, sub-2 ms detection, current-supervised trip output	IEC 60255 / IEEE C37.90	Detect under 2 ms	set	Light sensors, fibre loop, relay module, configuration software and licence	Annual functional injection test



Photo	Code	Item	Description and specification	Standard	Class / rating	Unit	Spare parts and consumables	Inspection interval
 B7-02	B7-02	Thermal imaging camera	320 x 240 minimum detector, -20 to 650 deg C, radiometric image storage, reporting software	IEC 62471 / ISO 18434-1	Accuracy plus-minus 2 percent	ea	Battery, charger, lens, SD card, reporting software licence, calibration 24 mo	Before use / calibration 24 mo
 B7-03	B7-03	Ultrasonic partial discharge detector	20 to 100 kHz airborne, headphones, dB logging, parabolic dish for distance scanning	IEC 60270	20 to 100 kHz	ea	Battery, parabolic dish, headphones, contact probe, calibration 24 mo	Before use / calibration 24 mo
 B7-04	B7-04	Infrared inspection window	Crystal or reinforced polymer, 50 to 100 mm aperture, panel mount, IP65 hinged cover	IEEE C37.20.7 / IP65	IP65 / arc resistant	ea	Gasket, cover, retaining ring	Annual with switchgear inspection
 B7-05	B7-05	Continuous thermal and PD monitoring	Fixed sensors on switchgear and cable terminations with gateway and alarm output	IEC 61850 / IEC 60270	Continuous	set	Sensors, gateway, software licence, communication module	Annual verification

B8 Barriers, signage and area control

Photo	Code	Item	Description and specification	Standard	Class / rating	Unit	Spare parts and consumables	Inspection interval
 B8-01	B8-01	Safety sign set	Danger, warning, caution and notice signs, rigid PVC or aluminium, bilingual, photoluminescent option	ANSI Z535.2 / ISO 7010	Class 1 reflective	set	Individual sign replacement, fixings, sign stand	Annual legibility survey
 B8-02	B8-02	Barricade tape and retractable stand	75 mm red and white or yellow and black, 500 m roll, retractable belt post 3 m	Manufacturer standard	75 mm x 500 m	ea	Tape refill roll, belt cassette, post base	Before use
 B8-03	B8-03	Traffic cone and delineator	750 mm reflective cone, weighted base, tubular delineator, cone bar	EN 13422	750 mm reflective	ea	Reflective sleeve, base weight	Before use
 B8-04	B8-04	Insulated barrier board and fence	GRP interlocking panel 1.8 m, non-conductive, for substation and switchroom demarcation	Manufacturer type test	20 kV	ea	Panel, interlock pin, base foot	Before use visual



Section C Emergency, rescue and environmental equipment

C1 Automated external defibrillation

Photo	Code	Item	Description and specification	Standard	Class / rating	Unit	Spare parts and consumables	Inspection interval
 C1-01	C1-01	Semi-automatic AED	Biphasic 150 to 200 J, adult and paediatric selectable, CPR metronome and feedback, IP55, 8 year warranty	IEC 60601-2-4 / AHA-ERC 2020	150 to 200 J biphasic	ea	Adult electrode pad set, paediatric pad or key, long-life battery, response prep kit, carry case, CPR feedback pad	Monthly status indicator / pad and battery expiry register
 C1-02	C1-02	AED wall cabinet	Steel or ABS cabinet, audible alarm, viewing window, heated outdoor variant	IP65 outdoor rated	IP65	ea	Alarm battery, key, viewing panel, heater element	Monthly alarm and seal check
 C1-03	C1-03	AED trainer unit	Non-shock training device with scenario remote, matched to live unit interface	Training device	Non-shock	ea	Trainer pads, battery, remote	Before each training session
 C1-04	C1-04	AED signage and location kit	ILCOR AED symbol sign, directional arrows, floor decal, cabinet ID	ISO 7010 E010	Photoluminescent	set	Individual sign replacement, decal	Annual legibility survey

C2 First aid and trauma

Photo	Code	Item	Description and specification	Standard	Class / rating	Unit	Spare parts and consumables	Inspection interval
 C2-01	C2-01	First aid kit, Class A	25 person capacity, wall or portable case, ANSI minimum fill, sealed inventory list	ANSI/ISEA Z308.1 Class A	25 person	ea	Full restock module, adhesive dressings, sterile gauze, CPR barrier, nitrile gloves, cold pack	Monthly inventory and expiry check
 C2-02	C2-02	First aid kit, Class B	High-risk 50 person fill, expanded contents including tourniquet, splint and burn dressing	ANSI/ISEA Z308.1 Class B	50 person high risk	ea	Full restock module, tourniquet, splint, burn dressing	Monthly inventory and expiry check
 C2-03	C2-03	Burn care kit	Hydrogel dressings 100 x 100 and 200 x 200 mm, burn gel sachets, face dressing, burn blanket	Manufacturer standard	Hydrogel	ea	Gel dressings 2 to 3 yr expiry, gel sachets, burn blanket	Monthly expiry check



Photo	Code	Item	Description and specification	Standard	Class / rating	Unit	Spare parts and consumables	Inspection interval
 C2-04	C2-04	Bleeding control and trauma kit	CAT tourniquet, haemostatic gauze, vented chest seal, pressure bandage, trauma shears, marker	CoTCCC / TCCC guidelines	Trauma	ea	Tourniquet, haemostatic gauze 5 yr expiry, chest seal, pressure bandage	Monthly expiry and seal check

☼ C3 Eyewash and emergency shower

Photo	Code	Item	Description and specification	Standard	Class / rating	Unit	Spare parts and consumables	Inspection interval
 C3-01	C3-01	Combination emergency shower and eyewash	Plumbed galvanised stanchion, 75.7 L/min shower and 11.4 L/min eyewash, stay-open valve, ABS bowl, tepid water option	ANSI/ISEA Z358.1 / EN 15154	15 min continuous flow	ea	Spray head, dust cover, valve seal, pull rod, inspection tag, sign	Weekly activation / annual full performance test
 C3-02	C3-02	Plumbed eyewash station	Wall or pedestal mount, dual aerated spray head, stainless or ABS bowl, dust caps	ANSI/ISEA Z358.1	11.4 L/min for 15 min	ea	Spray head, inline filter, dust cap, valve	Weekly activation / annual test
 C3-03	C3-03	Portable gravity-fed eyewash	57 L tank, 15 min flow, preservative additive, wall bracket, for areas without plumbing	ANSI/ISEA Z358.1	15 min	ea	Saline cartridge, preservative additive, tank, spray head	Weekly visual / solution change per label
 C3-04	C3-04	Personal eyewash bottle	500 ml sterile saline, single or twin wall bracket, tamper-evident seal	ANSI/ISEA Z358.1 supplementary	500 ml	ea	Bottle refill with expiry date, wall bracket	Monthly expiry check

🔥 C4 Fire protection

Photo	Code	Item	Description and specification	Standard	Class / rating	Unit	Spare parts and consumables	Inspection interval
 C4-01	C4-01	Dry powder extinguisher, ABC	1, 2, 4, 6 and 9 kg, squeeze-grip valve, pressure gauge, wall bracket or vehicle mount	EN 3-7 / NFPA 10 / UL 711	13A 89B C	ea	Recharge service, pressure gauge, discharge hose, O-ring, bracket, tamper seal	Monthly visual / annual service / 5 yr internal
 C4-02	C4-02	Carbon dioxide extinguisher	2 and 5 kg, frost-free discharge horn, for live electrical equipment and switchrooms	EN 3-7 / NFPA 10	34B / 89B	ea	Recharge service, horn and hose, valve assembly	Monthly visual / annual service / 10 yr hydro



Photo	Code	Item	Description and specification	Standard	Class / rating	Unit	Spare parts and consumables	Inspection interval
 C4-03	C4-03	Class D metal fire extinguisher	9 L applicator type for lithium, magnesium and aluminium fires, low-velocity lance	NFPA 10	Class D	ea	Recharge service, lance, agent refill	Monthly visual / annual service
 C4-04	C4-04	Fire blanket	1.2 x 1.8 m woven glass fibre, quick-release wall pouch	EN 1869	Glass fibre	ea	Wall pouch, blanket	Monthly visual
 C4-05	C4-05	Fire hose reel and cabinet	30 m x 25 mm swing-arm reel, jet and spray nozzle, break-glass cabinet	EN 671-1 / NFPA 14	30 m x 25 mm	ea	Hose, nozzle, gasket, hose clamp, cabinet glass	Monthly visual / annual flow and pressure test

C5 Gas detection and confined space entry

Photo	Code	Item	Description and specification	Standard	Class / rating	Unit	Spare parts and consumables	Inspection interval
 C5-01	C5-01	Four-gas personal detector	O ₂ , LEL, CO and H ₂ S, diffusion or pumped, audible visual and vibrating alarm, datalogging, man-down alert	EN 60079-29-1 / OSHA 1910.146 / ATEX Zone 0	Accuracy plus-minus 3 percent	ea	O ₂ , LEL, CO and H ₂ S sensors, calibration gas cylinder and regulator, sample pump and tubing, filters, battery, docking station	Bump test before every use / calibration 6 mo
 C5-02	C5-02	Area and perimeter gas monitor	Wireless mesh, up to 5 gas, 7 day battery, high-output strobe and horn, tripod mount	EN 60079-29-1 / ATEX	ATEX Zone 1	ea	Sensors, battery pack, calibration gas, antenna, tripod	Bump test before deployment / calibration 6 mo
 C5-03	C5-03	Confined space tripod and rescue winch	2.1 m alloy tripod, 20 m man-riding rescue winch, 15 m fall arrest block with recovery	EN 795 Type B / EN 1496 Cl B	500 kg tripod / 140 kg man-rider	set	Winch cable, karabiner, anchor sling, leg pins, annual recertification	Before use / 12 mo recertification
 C5-04	C5-04	Ventilator, blower and ducting	200 to 300 mm axial or centrifugal, 8 m flexible duct, ATEX-rated variant, canister storage	Manufacturer type test / ATEX	2000 to 4000 cu.m/h	set	Flexible duct, duct canister, motor brush set, ATEX certificate	Before use / annual electrical test
 C5-05	C5-05	Confined space entry control kit	Entry permit board, atmosphere test log, retrieval line, two-way comms, ATEX task lighting	OSHA 1910.146 / EN 60079	ATEX lighting	set	Permit pads, batteries, retrieval line, radio	Before each entry



Photo	Code	Item	Description and specification	Standard	Class / rating	Unit	Spare parts and consumables	Inspection interval
 C5-06	C5-06	Calibration gas and docking station	Quad-mix cylinder, demand-flow regulator, automatic docking station with test records	EN 60079-29-2	Quad mix	ea	Calibration gas cylinder 2 to 3 yr expiry, demand regulator, tubing, docking module	Cylinder expiry register / annual docking verification

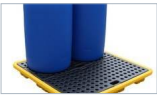
C6 Rescue and casualty handling

Photo	Code	Item	Description and specification	Standard	Class / rating	Unit	Spare parts and consumables	Inspection interval
 C6-01	C6-01	Insulated electrical rescue hook	GRP crook 1.8 to 3.0 m, 30 kV rated, wall bracket, for casualty removal from live contact	ASTM F711 / IEC 60855-1	30 kV	ea	Wall bracket, silicone wipes	Monthly visual / 24 mo electrical test
 C6-02	C6-02	Insulated rescue rope	15 m polypropylene non-conductive rope in deployment bag, kept with rescue hook	Manufacturer type test	Dielectric	ea	Rope, deployment bag	Monthly visual
 C6-03	C6-03	Spine board and head immobiliser	Plastic long board, 4 spider straps, head blocks, pin-and-lock handholds	Manufacturer standard	180 kg	ea	Spider straps, head blocks, cleaning kit	Monthly visual
 C6-04	C6-04	Folding basket stretcher	Alloy folding stretcher with 4-point lifting sling for vertical extraction	Manufacturer standard	160 kg	ea	Straps, lifting sling, carry bag	Monthly visual / sling 12 mo
 C6-05	C6-05	Evacuation chair	Tracked stair-descent chair, single operator, wall bracket and cover	Manufacturer standard	180 kg	ea	Track belt, straps, wall cover	6 mo functional check

C7 Spill control and environmental

Photo	Code	Item	Description and specification	Standard	Class / rating	Unit	Spare parts and consumables	Inspection interval
 C7-01	C7-01	Universal spill kit	120 or 240 L wheeled bin with pads, socks, pillows, disposal bags, scoop and PPE	Site EPA / EN 1186 general	100 to 200 L absorbency	ea	Absorbent pads, socks, pillows, disposal bags, PPE refill, bin lid	Monthly seal and contents check



Photo	Code	Item	Description and specification	Standard	Class / rating	Unit	Spare parts and consumables	Inspection interval
 C7-02	C7-02	Oil-only spill kit	Hydrophobic pads and booms for transformer oil, fuel and hydraulic release on land or water	Site EPA	100 L absorbency	ea	Hydrophobic pads, booms, disposal bags	Monthly contents check
 C7-03	C7-03	Drip tray and drum spill pallet	Galvanised or polyethylene, 2 or 4 drum sump to 240 L, removable grate, forklift pockets	EPA SPCC / EN 1186	240 L sump	ea	Removable grate, drain plug	Monthly sump inspection
 C7-04	C7-04	Foldable containment berm	PVC 3 x 3 m foldable wall berm, 1000 L capacity, for vehicle and transformer containment	EPA SPCC	1000 L	ea	Patch repair kit, ground mat	Before use / annual leak check



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