

SENARAI BAHAN-BAHAN YANG MENDAPAT KELULUSAN JAWATANKUASA BAHAN JKR CAWANGAN KEJURUTERAAN ELEKTRIK

Bil.	Kategori barangan (Kod EMAL)	Nama Barangan	Sub barangan (Kod EMAL)	Keterangan Barangan	Mandatori/ Tambahan
1	EE01100	Cables	EE011001 EE011002 EE011003 EE011004 EE011005 EE011006 EE011007	PVC Insulated Cables (Non Armoured) PVC Insulated Cable (Armoured) Fire Resistance Cable XLPE Insulated, PVC Sheathed Power Cables (Armoured and Non Armoured) PVC Insulated Cables (Armoured & Non Armoured) PVC Insulated Cables (Armoured & Non Armoured), Fire Resistance & XLPE Insulated Cables Branch Cable System	mandatori mandatori mandatori mandatori mandatori mandatori tambahan
2	EE01110	G.I. Conduits & High Impact PVC Conduits	EE011102 EE011103	Galvanized Steel Conduit Fittings c/w Accessories High Impact PVC Rigit Conduit & Conduit Fittings	mandatori mandatori
3	EE01120	Busduct, Trunking System & Cable Management System	EE011201 EE011202 EE011203 EE011204 EE011206 EE011207	Cable Tray c/w Accessories Cable Management System c/w Accessories (Underfloor System) Cable Ladder c/w Accessories Cable Trunking c/w Accessories Busbar Trunking (Busduct System) Cable Management System c/w Accessories (Raised Floor Bustrack)	mandatori tambahan mandatori mandatori mandatori tambahan
4	EE01130	Switches	EE011301 EE011302	Switches Fireman Switch	mandatori mandatori
5	EE01140	Switch Socket Outlet	EE011401 EE011403	Switched Socket Outlets Bayonet Lampholder (Wedge Holder)	mandatori tambahan
6	EE01150	Lamp Holder for Fluorescent Luminaires	EE011501	Lamp Holder For Fluorescent Luminaires	mandatori
7	EE01160	Earthing System & Accessories	EE011601 EE011602 EE011603	Copper Tape Earth Rod Earth Chamber	mandatori mandatori mandatori

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8	EE01170	Lightning Protection System	EE011701	Lightning Protection System For Structure	mandatori
9	EE02100	Ballast For Fluorescent Luminaires	EE021004	Ballast For Fluorescent Luminaires	mandatori
10	EE02110	Electronic Ballast	EE021101	Electronic Ballast For Fluorescent Luminaires	mandatori
11	EE02120	Ignitor For HPL	EE021202	Ignitor For HPSV Lamp	mandatori
12	EE02130	Capacitor For Fluorescent Luminaires	EE021301	Capacitor For Fluorescent Luminaires	mandatori
13	EE02140	Capacitor For HPSV/Metal Halide	EE021401	Capacitor For HPSV/Metal Halide	mandatori
14	EE02150	Capacitor For AC Motor	EE021501 EE021502	Direct On-Line Motor Starter Capacitor For AC Motor	tambahan
15	EE02160	Fluorescent Luminaires	EE021601 EE021602 EE021603 EE021604 EE021605	Fluorescent Luminaires Fluorescent Luminaires (Cut Off Angle) Fluorescent Luminaires c/w Electronic Ballast (Cut Off Angle) Fluorescent Luminaires (Anti Corrosive) Fluorescent Luminaires (Prison Luminaire)	mandatori mandatori mandatori mandatori mandatori
16	EE02170	Emergency Light & Luminous Sign	EE021701 EE021702	Keluar Sign Emergency Light	mandatori mandatori
17	EE02180	Fans (Orbit/Auto, Ceiling, Wall)	EE021801 EE021802 EE021803 EE021804 EE021806	Ceiling Fan Ventilating Fan Auto Fan Wall Fan 20" Diameter Wall Fan	mandatori tambahan mandatori mandatori mandatori
18	EE02200	Street Lantern	EE022001	Street Lantern	mandatori

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			EE022002 EE022004 EE022005 EE022006	Lighting Column (Hot Dip Galvanized Steel) Street Lantern Loop-in Loop-out Terminal Block Ballast For Discharge Lamp (HPSV lamp) Capacitors For Street Lantern	tambahan tambahan mandatori mandatori
19	EE03100	L.V. Switchboard/Consumer Unit	EE031001 EE031002	Low Voltage Switchboard Consumer Unit	mandatori mandatori
20	EE03110	Surge Protective Device	EE031101	Surge Protective Device	mandatori
21	EE03120	Protection Relays	EE031201 EE031202 EE031203 EE031204	Earth Leakage Relay Combined Overcurrent Relay and Earth Fault Relay Over Current Relay Earth Fault Relay	mandatori mandatori mandatori mandatori
22	EE03130	Capacitor for P.F. Correction	EE031301 EE031302	Power Capacitors Power Factor Regulator	mandatori mandatori
23	EE03150	Circuit Breaker (MCCB, MCB, ACB)	EE031501 EE031502 EE031503	Air Circuit Breaker (ACB) Miniature Circuit Breakers (MCB) Moulded Case Circuit Breaker (MCCB)	mandatori mandatori mandatori
24	EE03160	RCCB/RCBO	EE031601	Residual Current Operated Circuit Breakers (RCCB)	mandatori
25	EE03170	Fuse Switchgears (Fuse Switch)	EE031701 EE031702 EE031703 EE031704	Connector Neutral Box Fuse Switch HRC Fuse Cut Out Units Junction Box	tambahan mandatori tambahan tambahan
26	EE03180	Isolators	EE031802	Isolator	mandatori

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12. Safar 1427H

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27	EE03190	Contactors	EE031901 EE031902	Contactator Electromagnetic Contactor	mandatori mandatori
28	EE04100	Generators Sets	EE041101	Generator Set	mandatori