

OVERHEAD CONSTRUCTION MANUAL


Section 0 – Materials Quick Reference

Approved by: C Noel

OH MATERIALS QUICK REFERENCE

COMMON ITEMS ONLY
REFER SECTION 8 FOR COMPLETE LISTINGS


	DESCRIPTION	STOCK CODE		DESCRIPTION	STOCK CODE
DEADENDS	APPLE 6/1/3.00	08372	COMPRESSION SLEEVES FULL TENSION	APPLE 6/1/3.00	11080
	RAISIN 3/4/2.50	06019		RAISIN 3/4/2.50 HELICAL SPLICE	08374
	LIBRA 7/3.00	06011		LIBRA 7/3.00	11082
	MARS 7/3.75	06012		MARS 7/3.75	08797
	MOON 7/4.75	06013		MOON 7/4.75 & CCT 120 sqmm	05984
	PLUTO 19/3.75	06014		PLUTO 19/3.75	05985
	SATURN 37/3.00	06015		SATURN 37/3.00	05986
	COPPER 7/.064	06434		COPPER 7/.064 (7/16)	17497
	COPPER 7/.080	06435		COPPER 7/.080 (7/14)	15815
	COPPER 7/.104	06436		COPPER 7/.104 (7/12)	17317
	COPPER 19/.083	06437		COPPER 19/0.83 (19/14)	15742
SERVICE DEADENDS			COMPRESSION SLEEVES NON TENSION	COPPER 19/.101 (19/12)	15816
	TWO CORE FLAT 10mm	06460		95 sqmm LVABC	12782
	TWO CORE FLAT 16mm	06459			
	THREE CORE TWISTED CU 10MM	06461		MOON 7/4.75 & CCT 120 sqmm	05990
	THREE CORE TWISTED CU 16MM	06463		PLUTO 19/3.75	08669
	FOUR CORE TWISTED CU 10MM	06461		SATURN 37/3.00	05991
	FOUR CORE TWISTED CU 16MM	06463		95 sqmm LVABC	15642
	FOUR CORE TWISTED CU 25MM	06458			
	LV ABC BOLTED STRAIN CLAMP 4C 95 sqmm	10597			
	LV ABC BOLTED STRAIN CLAMP 4C 10-35 sqmm	17794			
TERMINATION - CCT	WEDGE CLAMP FOR 120 sqmm CCT (Midland Metals)	20281			
	WILDLIFE COVER FOR CCT WEDGE CLAMP	20282			

ORIGINAL ISSUE A	REVISED 30-01-2008	 ©COPYRIGHT 2006 ENERGEX This drawing must not be reproduced in part or whole without written permission from ENERGEX	OVERHEAD CONSTRUCTION MANUAL MATERIALS - QUICK REFERENCE DEADENDS, COMPRESSION SLEEVES	APP'D K.NUTTALL	TECH STDS AUTOCAD	
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	DESCRIPTION	STOCK CODE		DESCRIPTION	
LUGS	16mm M12	15125	CLAMPS	CU-CU SINGLE BOLT 6-70sqmm PG	06122
	25mm M12	10886		CU-CU DOUBLE BOLT 10-95/10-95sqmm PG	15075
	35mm M10	06256		CU-CU DOUBLE BOLT 16-150/16-150sqmm PG	15567
	35mm M12	06257		CU-CU DOUBLE BOLT 95-240/95-240sqmm PG	15918
	50mm M10	06258		AL-AL DOUBLE BOLT 16-70/16-70sqmm PG	05890
	50mm M12	06259		AL-AL DOUBLE BOLT 16-120/16-120sqmm PG	05891
	70mm M12	06260		AL-AL DOUBLE BOLT 25-150/25-150sqmm PG	05893
	95mm M12	06263		AL-AL DOUBLE BOLT 95-240/95-240sqmm PG	05909
	120mm M12	06265		AL-AL THREE BOLT 35-300/35-300sqmm PG	22547
	LIBRA 7/3.00	09943		AL-CU SINGLE BOLT AL35-120/CU10-50sqmm PG	14693
	MARS 7/3.75	09944		AL-CU DOUBLE BOLT AL25-150/CU10-95sqmm PG	15568
	MOON 7/4.75 & CCT 120 sqmm	09945		AL-CU DOUBLE BOLT AL95-240/CU70-185sqmm PG	15569
	PLUTO 19/3.75	17631		AL-CU THREE BOLT AL50-300/CU35-240sqmm PG	22548
	RAISIN 3/4/2.50	14463		17-210sqmm AL MAINS TO 6-35sqmm INSULATED SERVICE	16567
	95mm LVABC (insulated)	15641		6-135sqmm CU MAINS TO 6-35sqmm INSULATED SERVICE	16568
CONDUITS, COVERS				IN LINE CONSUMER CLAMP (IPC) 6-35sqmm	16569
				IN LINE CONSUMER CLAMP (IPC) 6-35sqmm WITH EARTH TAIL	16570
				IN LINE IPC 6-35sqmm	23730
				IN LINE IPC 35-95sqmm	20148
				IN LINE WATERBLOCK IPC WITH TAIL 15-25sqmm	23731
	EARTH GUARD BATTEN 2.7M (30MM ID POLYMERIC)	20793		25-95sqmm LVABC/6-35sqmm CU or AL SERVICE	10603
	EARTH GUARD BATTEN (TIMBER)	06162		35-95sqmm LVABC/35-95sqmm CU or AL SERVICE	10604
	EARTH GUARD BATTEN 2.7M (12MM ID POLYMERIC)	22518		35-95sqmm LVABC/AL MAINS 50-150sqmm	14090
	CONDUIT 25MM CORRUGATED	16023		35-95sqmm LVABC/CU MAINS 7-95sqmm	14253
	CONDUIT 40MM CORRUGATED	20794		LVABC NEUTRAL BLOCK 35-95sqmm Main/4x6-35 Taps	17000
CABLE END CAPS				LVABC RED 4 WAY 35-95sqmm Main/4x6-35 Taps	21310
				LVABC WHITE 4 WAY 35-95sqmm Main/4x6-35 Taps	21311
				LVABC BLUE 4 WAY 35-95sqmm Main/4x6-35 Taps	21312
	PUSH ON CAPS 16 - 70MM	23732		LIVE LINE CLAMP FOR CU MAINS 5-10mm/CU TAP 5-10mm	06132
	PUSH ON CAPS 95 - 150MM	22520		LIVE LINE CLAMP FOR AL MAINS 6-19mm/CU Tap 5-10mm.	16386

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LUGS, CONDUITS, CLAMPS							

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	DESCRIPTION	STOCK CODE		DESCRIPTION	STOCK CODE
COACH SCREWS	M10 x 65mm	00678	BOLTS M16	M16 X 130 (LV SHACKLE REEL TO STRAP)ARM BRACE LV PIN	00218
	M12 x 90mm	00684		M16 X 150 (LV SHACKLE STRAP TO ARM)	00220
	M16 x 90mm	00688		M16 X 160 (HV PIN ARM BRACE)	10559
	M16 x 130mm	00689		M16 X 180 (LV SHACKLE ANTI SPLIT + ARM BRACE)	00221
	M16 x 150mm	00690		M16 X 200	00532
KING BOLTS	M20 x 150mm	00242	BOLTS M12	M16 X 220 (HV SHACKLE ARM BRACE)	00224
	M20 x 300mm	00247		M16 X 240	00225
	M20 x 350mm	00249		M16 X 260	00226
	M20 x 400mm	00251		M16 X 280	00227
	M20 x 450mm	00253		M12 x 35 S/S	00909
	M20 x 500mm	00255		M12 x 40 S/S	00412
	M20 x 550mm	00257		M12 x 50 S/S	00413
	M20 x 600mm	00259		M12 x 60 S/S	00414
	M20 x 650mm	00261		M12 x 70 S/S	00415
	M20 x 700mm	00263	BOLTS M10	M10 x 40 S/S	00407
EYE BOLTS	M24 x 400mm	00269		M24 ROUND GALV.	01035
	M20 x 150mm	21095	WASHERS	M24 SQUARE GALV.	01010
	M20 x 200mm	11596		M20 ROUND GALV.	01046
	M20 x 250mm	11597		M20 SQUARE GALV.	08521
	M20 x 300mm	08338		M20 SPRING GALV.	08519
	M20 x 350mm	00541		M20 VOLUTE S/S	10447
	M20 x 400mm	00542		M16 ROUND GALV.	01045
	M20 x 450mm	00544		M16 SQUARE GALV.	01008
	M20 x 500mm	00545		M16 SPRING GALV.	01074
	M20 x 550mm	12971		M16 VOLUTE S/S	10446
	M20 x 600mm	00546		M12 ROUND S/S	01053
	M20 x 650mm	12972		M12 SPRING S/S	01081
	M24 x 700mm	12973		M10 ROUND S/S	01052
	M20 x 750mm	12974		M10 SPRING S/S	01080
	M20 x 800mm	00547			
	M24 x 400mm	00549			

ORIGINAL ISSUE A	REVISED 30-01-2008	 ©COPYRIGHT 2006 ENERGEX This drawing must not be reproduced in part or whole without written permission from ENERGEX	OVERHEAD CONSTRUCTION MANUAL MATERIALS - QUICK REFERENCE COACH SCREWS, BOLTS AND WASHERS	APP'D K.NUTTALL	TECH STDS AUTOCAD	
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	DESCRIPTION	STOCK CODE		DESCRIPTION	STOCK CODE
ATTACHMENTS	SYNTHETIC INSULATORS 11KV LONGROD	11925		TIE WIRE COPPER	07059
	SYNTHETIC INSULATORS 33KV LONGROD	11924		TIE WIRE ALLUM	10991
	BOW SHACKLE - STRAIGHT	02569		COPPER DROPPERS 8MM DIA X 3M	01403
	BOW SHACKLE - TWISTED	14799		PVC TUBING 16MM	03639
	EYE NUT M20	08989		POSSUM CAPS (POLYETHELENE, BLACK, 115MM DIA)	05006
	NAIL PLATE	02601		STAY GUARD SPLICE	16171
	POLE STEP	02600			
	CLEVIS ALUM (up to Pluto)	09924	SERVICE EQUIPMENT	SINGLE PHASE FUSE BRACKET FOR 16574 & 19910	16575
	CLEVIS ALUM (> Pluto)	11314		THREE PHASE FUSE BRACKET FOR 16574 & 19910	16576
	CLEVIS STEEL GALV	02604		SERVICE FUSE HOLDER (100A) 1Ph 6-35sqmm IPC	16574
	UNDER XARM SERVICE CABLE COVER (2.7M LENGTH)	20793		SERVICE FUSE HOLDER (100A) 1Ph 6-95sqmm IPC	19910
	SUPPORT HOOK (SCREW IN)	06320		SERVICE FUSE SWITCH (630A) 1Ph SUIT M12 LUGS	02622
	GAIN BASE 100MM	02557		SERVICE/MAINS FUSE SWITCH (630A) 3Ph SUIT M12 LUGS	20146
	GAIN BASE 150MM	02558	FUSES	LOW VOLTAGE FUSE 50A HRC CARTRIDGE	04442
	X ARM BRACE LONG	02560		LOW VOLTAGE FUSE 80A HRC CARTRIDGE	04451
	X ARM BRACE SHORT	02559		LOW VOLTAGE FUSE 100A HRC CARTRIDGE	12454
	ARRESTER ADAPTOR BRACKET	16046		LOW VOLTAGE FUSE 160A DIN2 BLADE	13897
	11kV ARRESTER with live end lead & hood	20750		LOW VOLTAGE FUSE 200A DIN2 BLADE	13898
	LV ARRESTER	16346		LOW VOLTAGE FUSE 250A DIN2 BLADE	13899
	POLE CAP 300MM	05879		LOW VOLTAGE FUSE 315A DIN2 BLADE	15118
	POLE CAP 350MM	05880		LOW VOLTAGE FUSE 400A DIN2 BLADE	16788
	POLE CAP 400MM	05881		LOW VOLTAGE FUSE 80A BOLT IN TYPE	21281
	POLE CAP 450MM	05882		LOW VOLTAGE FUSE 200A BOLT IN TYPE	04471
	STIRRUP CU FOR AL MAINS	05898		LOW VOLTAGE FUSE 315A BOLT IN TYPE	04477
	SADDLES 12MM	04926		LOW VOLTAGE FUSE 400A BOLT IN TYPE	04484
	SADDLES 25MM	04929		LOW VOLTAGE FUSE 630A BOLT IN TYPE	04490
	SADDLES 30MM	04930		EDO FUSES 8A "K"	14228
	SADDLES 40MM	04931		EDO FUSES 20A "K"	13405
				EDO FUSES 25A "K"	13730
				EDO FUSES 40A "K"	13731


A	ORIGINAL ISSUE		C	DATE	13/10/08		APPD	R. ENGLISH		CKD	J. TUNNEY		DRN	C. DAVISON		SC 16574. CHANGED TO SC 19910		<div> ©COPYRIGHT 2006 ENERGEX This drawing must not be reproduced in part or whole without written permission from ENERGEX</div>	OVERHEAD CONSTRUCTION MANUAL		APP'D	K.NUTTALL		TECH STDS		AUTOCAD																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	

ATTACHMENTS, SERVICE EQUIPMENT AND FUSES

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	DESCRIPTION	STOCK CODE		DESCRIPTION	STOCK CODE
CABLE & WIRE	6 SQMM CU HARD DRAWN SINGLE PHASE (2B6) SERVICE	17119	MISCELLANEOUS	PVC TAPE RED	10801
	25 SQMM AL SINGLE PHASE (2B25) SERVICE	16153		PVC TAPE WHITE	10680
	25 SQMM AL TWO PHASE (3B25) SERVICE	16154		PVC TAPE BLUE	10800
	25 SQMM AL THREE PHASE (4B25) SERVICE	16578		PVC TAPE BLACK	10551
	95 SQMM AL THREE PHASE (4B95) SERVICE/MAINS	11927		PVC TAPE 2 INCH BLACK	16854
	2.5 SQMM CU ANNEALED 2 CORE DOUBLE INSULATED	07112		3M MASTIC 101 MM	08368
	16 SQMM CU ANNEALED PVC INSULATED	07149		MASTIC RUBBER 19MM	02932
	25 SQMM CU ANNEALED PVC INSULATED	12097		TEK SCREWS COUNTER SINK 25MM	09880
	35 SQMM CU ANNEALED PVC INSULATED	07159		TEK SCREWS COUNTER SINK 45MM	09860
	50 SQMM CU ANNEALED PVC INSULATED	07164		ZIPPY TIES 140MM X 3.5MM (ea)	06485
	70 SQMM CU ANNEALED PVC INSULATED	07165		ZIPPY TIES 178MM X 5MM (ea)	06487
	95 SQMM CU ANNEALED PVC INSULATED	07173		ZIPPY TIES 550MM X 13MM UV stabilised (ea)	06909
	120 SQMM CU ANNEALED PVC INSULATED	07177		ZIPPY TIES 520MM X 8MM STAINLESS STEEL (ea)	20711
	185 SQMM CU ANNEALED PVC INSULATED	07181		ZIPPY TIES 360MM STAINLESS STEEL (pkt of 50)	18989
	16 SQMM CU HARD DRAWN PVC INSULATED	07232		PRE MIX CONCRETE	15658
	25 SQMM CU HARD DRAWN PVC INSULATED	07234		CEMENT	15659
	50 SQMM CU HARD DRAWN PVC INSULATED	07235		BLACK PAINT PRESSURE PACK	17402
	70 SQMM CU HARD DRAWN PVC INSULATED	07236		ALUMINIUM CONDUCTOR CONTACT PASTE	14835
				CRC	03880
	RAISIN 3/4/2.50 ACSR	07311		WASP STOPPER	04126
	APPLE 6/1/3.00 ACSR	07312		PAPER TOWEL	15866
	LIBRA 7/3.00 AAC	07325		PADLOCK S3	14363
	MARS 7/3.75 AAC	07326		DOLPHIN TORCH BATTERY	02956
	MOON 7/4.75 AAC	07327		SCRATCH BRUSH ALUM	11064
	PLUTO 19/3.75 AAC	07328		SCRATCH BRUSH COPPER	11065
	SATURN 37/3.00 AAC	07329		WORKMAN AHEAD SIGN	15518
	7/2.03 COPPER	12188		SIGN STAND	15519
	7/2.75 COPPER	07052		TEST LAMP BULBS	05264
	11kV CCT 120 SQMM 7/4.75 AAC (FOR BRIDGING)	20279		WITCHES HATS	04187
	11kV CCT 120 SQMM 7/4.75 AAC (FOR MAINS)	20714			

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	DESCRIPTION	STOCK CODE	DESCRIPTION	STOCK CODE		DESCRIPTION			
POLE NUMBERS	WOOD POLES	"1"	05957	CONCRETE POLES	TOOLS AND EQUIPMENT	POLE BAG	02045		
		"2"	05958			"2"	15821	HELLA SPOT LIGHT 12V	14020
		"3"	05959			"3"	15822	AXE 2kg	02472
		"4"	05960			"4"	15823	SHOVEL LONG HANDLE	02417
		"5"	05961			"5"	15824	CROW BAR	02478
		"6" or "9"	05962			"6" or "9"	15825	SLEDGE HAMMER HANDLE	02354
		"7"	05963			"7"	15826	SLEDGE HAMMER HEAD 7LB	02346
		"8"	05964			"8"	15827	RATCHET CUTTERS	14922
		"0"	05950			"0"	15819	RATCHET CUTTER BLADE	14970
		"S"	05953			"S"	22481	8MM AUGER X 200MM	14821
		"P"	05951			"P"	22482	10MM AUGER X 200MM	09417
		"X"	15393			"X"	22483	12MM AUGER X 225MM	14543
		"N"	05949			MOUNTING PLATE (Kolana bronze Aluminium Plate)	11685	14MM AUGER X 225MM	14544
								22MM AUGER X 225MM	14547
PERSONAL PROTECTIVE EQUIPMENT	EAR MUFFS			16585	TOOLS AND EQUIPMENT	22MM AUGER X 457MM	14548		
	EAR PLUGS BANDED			19642		26MM AUGER X 330MM	14549		
	GOAT SKIN GLOVES (9 1/2)			17161		26MM AUGER X 457MM	14550		
	COTTON INNERS (9 1/2)			16260		SLING ENDLESS 1 METRE	16961		
	5 LITRE WATER BOTTLES			02770		SLING ENDLESS 1.5 METRE	16962		
	0.75 LITRE WATER BOTTLES			16935		SLING TYPE D 680MM	02727		
	HARD HAT (CAP)			14294		14MM ROPE	03242		
	SWEAT BAND			13116		16MM ROPE	03238		
	SUNSCREEN			15385		18MM ROPE	03245		
TOOLS AND EQUIPMENT	SUN BLOCK LIPSTICKS			14654		LINE RATCHET 30/24MM	02438		
	STICK EARTHS (WORKING EARTHS)			11026		LINE RATCHET 24/19MM	02437		
	"DO NOT OPERATE" (DNOB) SIGN LARGE			12202		LINE RATCHET 17/13MM LONG HANDLE	17371		
	"DO NOT OPERATE" (DNOB) SIGN SMALL			12203					
	LIVE 'N' DEAD BOARD			12200					
	RECLOSE BLOCK MAGNET SIGN			12096					
	NON COMMISSIONED TAG			16819					

ORIGINAL ISSUE		DATE 23-3-2011		APPD R.ENGLESH	CKD J.TUNNEY	DRN J.TUNNEY	Pole numbers added for concrete poles.		 © COPYRIGHT 2011 ENERGEX This drawing must not be reproduced in part or whole without written permission from ENERGEX	OVERHEAD CONSTRUCTION MANUAL		APP'D K.NUTTALL	TECH STDS		AUTOCAD
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