

Note Section Numbers refer to sections in Volume 13 Replacement Procedures for Long Hangers.

5.0 Scaffolding under top chord .

Procure specifically

6.0 Transport of new hangers and other equipment.

Specialist transport equipment required as assessed and procured by FETA.

7.0 Working Platform

Part Description	No. off	Drg Ref
7.1		
Transport Unit AA	1	MT 1.220
Alu Floor Units (may already be fixed)		
Unit DA	2	MT 1.228
Unit DB	2	MT 1.228
Unit DC	1	MT 1.228
Wheel Unit AB	2	MT 1.221
M22 Screw Bolts	8	MT 1.221
Bearings	4	MT 1.221
Tyres	2	MT 1.221
M20 x80 Bolts	8	MT 1.221
Circular Track Unit	1	MT 1.510
Circular Track Unit Adjusting System		MT 1.215
Unit AX	1	MT 1.512
M16 x 95 Bolts	4	MT 1.512
Unit AY (M20 rod)	1	MT 1.513
Unit AZ (M20 Nut)	2	MT 1.513
Washer A21	1	MT 1.215
Spherical bearing INA GE25AW (1No)		MT 1.215
M8 Screw	2	MT 1.513
Unit CR	1	MT 1.513
Cardan Rotar	1	MT 1.215
Unit CP	1	MT 1.513
M8 x 25 Bolts	2	MT 1.513
M6 x 16 Screws	3	MT 1.513
Hydraulic Motor	1	MT 1.215
Guide Wheel Assemblies	2	MT 1.211
Unit AC	2	MT 1.223
M20 x 60 Screw	16	MT 1.211
A21 Washer	16	MT 1.211

FORTH ROAD BRIDGE
REPLACEMENT OF HANGER - HEALTH AND SAFETY FILE
EQUIPMENT PARTS LIST – LONG HANGERS

FAIRHUB21

Unit AD	2	MT 1.224
Unit AF	2	MT 1.224
M20 x 260 Bolt	4	MT 1.211
M20 Nut	4	MT 1.211
A21 Washer	16	MT 1.211
Tirfor TU-32	3	MT 1.204
Connectors ?		
Ropes	3	
7.2		
Unit AK	1	MT 1.230
Unit AL	1	MT 1.230
M24 x 80 Screws	32	MT 1.212
Washer A 25	32	MT 1.212
Unit AJ	44	MT 1.231
Unit AR	1	MT 1.213
M10 x 45 Bolt	2	MT 1.213
M10 x 50 Bolt	1	MT 1.213
M10 x 55 Bolt	1	MT 1.213
M10 Nut	8	MT 1.213
Hydraulic Jack LJN	1	MT 1.213
Unit AS	1	MT 1.236
Unit AU	2	MT 1.236
M10 x 45 Bolt	2	MT 1.214
M12 x 45 Bolt (M10?)	2	MT 1.214
M10 Nut	8	MT 1.214
Washer A 11	4	MT 1.214
Rigging Screw 0.5"	2	MT 1.214
Unit AT	1	MT 1.236
Unit AV	2	MT 1.236
M10 x 45 Bolt	2	MT 1.214
M12 x 45 Bolt (M10?)	2	MT 1.214
M10 Nut	8	MT 1.214
Washer A 11	4	MT 1.214
Rigging Screw 0.5"	2	MT 1.214
Adjustable Floor Units shields??		
Unit AM	2	MT 1.234
M8 x 80 Screw	6	MT 1.216
M8 Nut	6	MT 1.216
Washer A9	6	MT 1.216
Unit AN (c/w items below)	7	MT 1.234
Unit AO	14	MT 1.234
Curved Spring Washer	14	MT 1.216

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EQUIPMENT PARTS LIST – LONG HANGERS**

FAIRHUB21

M10 x 40 Screw	14	MT 1.216
M10 Nut	14	MT 1.216
Washer A14	14	MT 1.216
VSL Pumps	?	MT 1.204
Tentec Pumps	?	MT 1.204
Tirfor Pump	?	MT 1.204

7.3 Handstrand Spreader System

Spreader Units DF	2
Rigging Screw	2
Pullers soft slings	2 sets

7.4 Temporary Cable Bands

Fabricated Upper Unit (check rubber attached)	2	MT 1.302/MT 1.312
Lower Unit Sets(2 pieces) (check rubber attached)	2	MT 1.302/MT 1.312
Wire terminals (c/w bearings & washers etc)	16	MT 1.302/MT 1.312
Web Lashings	2 (min)	
Shackles (various)		
Hydraulic Cylinders (hoses etc)	4	MT 1.201

9. Cable Wedges

Unit DD	2	MT 1.240
Web lashings (FKU 4000)	2	
Protective timber		

11. Temp Cable Band Friction Test Equipment

25mm dia Macalloy Bars (x 4000mm lg approx)	2	MT 1.301
Jacks	2	MT 1.301

12.

Anchor Beam	2	MT 1.320
Aluminium Packer Plates	4	MT 1.320
Erection Guide rope	1	
M24 adjusting screws	4	
Web Lashing with Eye hooks	2	

14.& 15.

VSL Temp Hanger Strand	4	MT 1.201
Tirak Winch	1	
Snatch blocks	1	
Safety Line (10.2mm dia)	1	
Guide Line (8mm dia)	1	

FORTH ROAD BRIDGE
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FAIRHUB21

Blockstops	1	
VSL Strand guide	4	
M16 x 75	16	MT 1.320
M16 Nuts & washers	16	MT 1.320
VSL end covers	4	
M16 x 50 screw	8	MT 1.321
16.		
Access Cradle	1	
18. Temporary Jacking System		
Clamp	4	MT 1.705
Bushing (46mm dia)	4	MT 1.705
Bushing (55mm dia)	4	MT 1.705
M24 x 130 bolts	24	MT 1.705
Bracket Beam	2	MT 1.716
Bracket Beam Pin	4	MT 1.716
Safety Pin	4	MT 1.716
Macalloy Bar (50dia x 1150)	4	MT 1.716
(c/w nuts and washers – 3 No of each per bar)		
Big Bean Type 1	2	MT 1.703
Small Beam	4	MT 1.702
Pad Plate	4	MT 1.702
M12 x 50 bolt	16	MT 1.702
Stay Plate 1	4	MT 1.702
Stay Plate 2	4	MT 1.702
M12 x 50 bolts	8	MT 1.702
M24 x 110 bolts	24	MT 1.710
Hydraulic Jacks	4	MT 1.712
(c/w power packs, hoses, pumps, couplers, etc)		
M12x30 Screws	32	MT 1.702
Connection Plate	2	MT 1.706
Base Plate	4	MT 1.706
M16 Bolt	24	MT 1.711
20.		
Air Winch K6UAL	1	MT 1.207
Winch Frame Unit BM	1	MT 1.520
Snatch Block Frame BN	1	MT 1.521
Unit BO	1	MT 1.520
Blockstops	2	
5 ton steel sling	1	
Clamps	4	
Cable drawing sleeve	2	
Pulleys, slings		MT 1.502