

Elmec and Mantakraft Greasing of Steel Wire Ropes

Description of the Works.

1. Elmec Shiploader

- 1.1. Lubricate wire ropes for Elmec 1 for boom hoist.
 - wire rope size 32mm, type P2371,
 - 1x rope diameter 32mm SE-BK-1960-ZS,
 - 1x rope diameter 32mm SE-BK-1960-SZ,
 - 700 meters length for both ropes
- 1.2. Lubricate telescopic pipe in and out wire ropes (Diameter 22mm, 160m length)

2. Mankraft Shiploader

- 2.1. Lubricate steel wire ropes for boom hoist.
 - wire rope size 32mm, non-spin steel wire ropes
 - 1x rope diameter 36mm
 - 1x rope diameter 32 mm
 - 700 meters length for both ropes
- 2.2. Lubricate telescopic pipe in and out wire ropes (Diameter 22mm, 160m length)

3. S01, S03, K04 and K06 Conveyors

- 3.1. Lubricate four take-up trolley steel wire ropes for conveyors mentioned above.
 - Diameter 22mm, length is 56 metres for each take-up trolley.

All works shall be as per existing and all dimensions shall be confirmed onsite

4. General Service

- 4.1. High pressure clean wire ropes before applying new grease.
- 4.2. Supply and apply new grease and ensure penetration into rope core.

NB. Any deviation from this scope should be authorised by TPT management before work can be carried out.

5. Specifications

Quality Management Specification for supplier	EEAM-Q-009 (Rev. 0)
Corrosion Protection	EEAM-Q-008 (HE9-2-8 Ver. 17)

PORT RAIL TERMINALS	Elmec and Mantakraft Greasing of Steel Wire Ropes				RICHARDSBAY PORT RAIL TERMINAL
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