



Socketing Operator (3 Days)

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WACO

This training, conducted by an experienced rope maker will teach the new socketer to correctly choose the suitable rope, ensure the rope is correctly handled, coiled, cut, and terminated using the correct method and in accordance with the relevant technical standards available in the market.

Due to the changing industry, capping material and inspection standards, the older and experienced socketer will benefit from gaining updated standards and new technology now available in the market.

1. SANS / ISO / OHS Act / MHS Act Module

- 1.1. DMR 18
- 1.2. MHS Act 26 of 96
- 1.3. Standards ☐ SANS/ISO 3189: 1-3 BS EN 13411-4

2. Steel Wire Rope Knowledge Module:

- 2.1. Wire rope history and manufacturing process
- 2.2. Wire rope application and construction ☐ correct rope for correct application
- 2.3. Wire rope identification
 - 2.3.1. Lay
 - 2.3.1.1. Length
 - 2.3.1.2. Direction
 - 2.3.1.3. Langs or Ordinary ☐ pro☐ and con☐
 - 2.3.2. Wire rope core and the effect the cores have on the process
 - 2.3.3. Wire rope finish & lubrication
- 2.4. Correct handling of rope, coiling and serving or fusing

3. Inspection: SANS 2972:2018

- 3.1. Inspection of ropes
- 3.2. Inspection of socketed end terminations
- 3.3. Correct testing of socketed wire rope slings or rope ends

4. Wire Rope Socketing Module:

- 4.1. Cleaning & correct brush forming
- 4.2. Rope end capping

5. Wire Rope Socketing General:

- 5.1. Capping with Synthetic Resin ☐ Wirelock☐
- 5.2. Capping with Zinc/White Metal

All the rope pieces, socketing media, specialised tools, will be provided as part of the training session. Just bring your own PPE.