

TSJ 57 W2-01^E: 2021

correction reference standards + Hoisting hooks & blocks W2-01: 2021

W2-01^E: 2021 Chapter 2. Definitions and abbreviations

ISO 4309 : ISO 4309:2017 Cranes wire ropes

ATEX 153 : ATEX 153 (1999/92/EG)

ISO 12482-1 : ISO 12482: 2014 Cranes condition monitoring

The new standard ISO 4309:2017 describes the possibility of performing an MRT examination on lifting ropes. If such an examination is carried out, it must comply with the requirements of ISO 4309: 2017.

See also 6.3 of the standard.

The new standard ISO 12482:2014 does not affect the inspection of the crane to be inspected, but gives the owner a guideline for carrying out conditional monitoring.

Hoisting Hooks & Blocks

The CBI must check the Hoisting Hooks & Blocks in accordance with inspection points 900ev, to assess whether they have actually been dismantled, inspected and tested every four years.

Execution takes place on the basis of checking certificates with a date of inspection.

In practice it occurs that Hoisting Hooks and Blocks are sealed "on the shelf" and demonstrably have not been used. How do we handle this?

An appropriate solution is to:

1. After the 4-yearly assessment (dismantling, inspecting and load testing), performed by an ISO 9000 certified company with a scope related to the dismantling, inspection and load testing of Hoisting Hooks and Blocks, the Hoisting Hooks or Blocks must be sealed by the company that performed the work. A traceable certificate must be raised including a note that the block is sealed.
2. At the moment the Hoisting Hooks and Blocks are to be deployed, the seal will be removed and a full visual and functional inspection must be performed, this must be done by an ISO 9000 certified company with a scope related to the dismantling, inspection and load testing of Hoisting Hooks and Blocks.

A certificate will be raised by the ISO 9000 certified company with a scope related to the dismantling, inspection and load testing of Hoisting Hooks and Blocks including the comments that the seal was in place before the full visual and functional testing of the Block was executed.

3. In this certificate there must be a reference to the 4-yearly assessment certificate of the Block.

The required assessment period of four (4) years for the Block starts after the certificate ad 3 has been issued.

The CBI can verify this during the TCVT inspection.

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