

Periodic Inspection according to

DS/EN ISO 10535:2006

12-month inspection of hoist and rail systems

Guldmann™

Checklist

1. Rail System:

- ☐ Check that all brackets are tightened with correct torque to the ceiling/wall- 3/8"-34Nm
- ☐ Check that all brackets are tightened with correct torque to the rail system- 17mm-54Nm
- ☐ If not possible, do a load test with 1.5 x rated load for 20 min.
- ☐ Check reinforcement
- ☐ If not possible, do a load test with 1.5 x rated load
- ☐ Check and re-tighten end stops and check they are secured with pins
- ☐ Check that brackets are placed over all rail joints
- ☐ Check that a sticker with max. load is placed on hoist and rail system (max. load on hoist must be equal or less than the rail system)
- ☐ If no sticker is placed on the rail system, check the distance between brackets according to the Installation Guide and place a sticker with rated load after a load test with 1,5 x rated load for 20 min.
- ☐ Do a load test with rated load through the entire system
- ☐ Place a sticker with a new date for next inspection

2. Electrical connections:

- ☐ Check that all cables are intact
- ☐ Check that all cables are secured with a cable relief inside the transformer.
- ☐ Check for rupture on cables and on isolation
- ☐ Check for correct earth connection if this is established
- ☐ Check that no cables with 110v/220v are in contact with the rail system
- ☐ Check that cables have the right length (not turned up)

3. Combi-Lock:

- ☐ Check that safety locks are installed correctly and are intact
- ☐ Check for dust, etc. inside rails where safety locks are mounted
- ☐ Check that they open and close easily
- ☐ Check for corrosion on the safety locks (in case of corrosion, change them)
- ☐ Check the function of the safety locks with and without traverse rail (must not open without traverse rail)

4. Turntable:

- ☐ Check the bearings.

5. Switch track:

- ☐ Check that tongue moves fully and easily.

6. Hoist GH2/GH3

- ☐ Check connection between trolley and hoist. All locking rings must be intact.
- ☐ Original pins are used to secure GH3 to trolley
- ☐ Check connection of strap to the hoist.
- ☐ Check the strap fraying
- ☐ Check the stop on the hoist and on the strap for cracks or broken parts
- ☐ Check the lifting strap, in must be intact (the whole length)
- ☐ Check the strap to the hoist. Unreel and pull hard
- ☐ Check connection between strap and hanger

6. Hoist GH2/GH3- continued

- ☐ Check the emergency stop
- ☐ Check the emergency lowering
- ☐ Do a full lifting cycle with rated load – must be effortless and without jarring sound
- ☐ Update hoist software via SIC program
- ☐ Place a sticker with a new date for next inspection
- ☐ Check that the scale is functioning and calibrated.

7. Lifting Hanger-GH2

- ☐ Check welding
- ☐ Check sling attachment– must not be bent or worn out.
- ☐ Check for abnormal space between hanger and swivel

8. Lifting Hanger- GH3

- ☐ Check hanger attachment safety mechanism for correct function
- ☐ Check sling attachment rubber finger for correct function and wear
- ☐ Check for damage to plastic covers that could compromise use of the hanger

Comments:

Inspection Location (Facility Name):

Room Number:

Serial Number:

Inspection Date:

Inspected Company Name:

Inspected by:

Facility representative: