



Prolift Handling

Inspection Management In Lifting



Prolift Handling Ltd is a newly formed company that has already become Ireland’s leading supplier and service provider of lifting and material handling equipment. Prolift supplies and services all forms of lifting and material handling equipment from its warehouse, sling manufacturing facility and service division in Dublin. They also have 8 service engineers who carry out test, inspections, repairs and installation of lifting and material handling equipment nationwide.

As Ireland’s leading supplier of lifting and material handling equipment Prolift is the official distributor for many of the world’s leading manufacturers.

Prolift’s services division is the largest in Ireland and an important part of the support that Prolift provides to customers is to allow them immediate access on-line to up-to-date reports on the outcome of service inspections.

To provide that support, Prolift adopted an inspection recording and reporting system based on RFID technology. As one industry leader they recognised the benefits of working with another- they chose CoreRFID’s CheckedOK system to help them to deliver their service.

Safety Inspection Support

Prolift provides inspection services for a wide range of lifting and materials handling equipment. Making sure that the correct inspection criteria are applied to any item of equipment can be a matter of life and death and having the correct certification for any given item allows Prolift to show that required inspections have been carried out by suitably qualified individuals.

Edit Question Sets

Select Category:

| Question | Position | |
|--|----------|-----|
| Checked for clear identification number | 1 | ↓ ↑ |
| Checked for clear marking of SWL. For multi leg slings maximum angle of usage must be marked on. Grade of material chain sling is constructed from is identified, i.e. 80,100. | 2 | ↓ ↑ |
| All components are checked for wear, distortion, damage, nicks, gouges, cracks, corrosion. | 3 | ↓ ↑ |
| All component load/retaining pins are checked for security, wear, damage, gouges, cracks, corrosion. All mechanical joining devices are checked for correct assembly. | 4 | ↓ ↑ |
| Chain legs are checked for, stretch, wear, distortion, damage, nicks, gouges, cracks, corrosion. Hooks where applicable with effective safety latches. | 5 | ↓ ↑ |

Prolift also needed to collect data on inspection failures so that faulty equipment could be quickly repaired or replaced and also so that trends in equipment failures could be identified for their customers and countered. To do this manually was time consuming and could result in errors.

A handheld computer is used by the inspecting engineer to select the asset due for inspection. This triggers the appropriate inspection list and ensures that the results of the inspection are associated with a particular asset. The CheckedOK software can work with RFID tags, barcodes or asset numbers, giving Prolift flexibility for the future.

Data from the handheld computer is transmitted to a database server on the customer’s own servers (as in this case) or managed by CoreRFID on the customer’s behalf. This data can then be accessed directly using a web browse or other software can access it for other applications. By opening access up to their clients, Prolift is able to offer an improved customer service.

CheckedOK has built-in questions for many different equipment inspections but Prolift can extend or modify these for additional asset types.

“Prolift is proud of its reputation as a reliable supplier of high quality products and services. The CheckedOK system is a central part of the delivery of our services to our customers.”

Darragh Hickey, Sales Director, Prolift Handling Ltd.



Lifting Equipment Inspection

The Prolift system is being used to support the company's service engineers who go to site every day to install, test, inspect and repair lifting and material handling equipment nationwide. With safety a central concern, Prolift's engineers are highly trained, certificated and insured for site work with public and product liability cover in place along with professional indemnity insurance. Prolift support customer's in many different industry sectors including government bodies, pharmaceuticals, manufacturing industry, food industry and the construction industry. Prolift's services include visual inspection of lifting and material handling equipment, proof load testing, preventative maintenance, repair and overhaul of equipment. Prolift manages over 10,000 items of equipment using the CheckedOK system.

Because of the wide range of equipment covered by its engineers (Prolift supports equipment from manufacturers such as Gunnebo, Kitto, Haakon, Ableforge, J&L, Swedmach and many others) the CheckedOK system needed to be very flexible in the creation of inspection questionnaires. The standard system has many already built in but others can be added or adapted by Prolift to create a customised offering to its customers or to keep up to date with evolving safety standards

The CheckedOK System

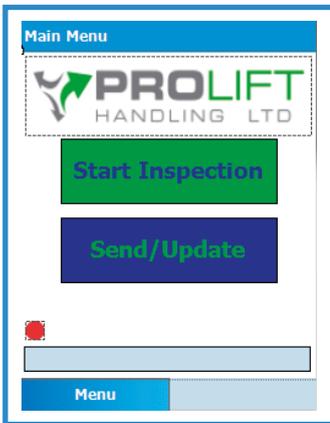
The engineer positively identifies the specific asset using an RFID tag, a bar code label on the asset or a visible asset number if neither of the other methods is available. Assets not found can be flagged to the system as missing. Inspection questions guide the checks and collect data about the asset. Once completed the results are sent to the CheckedOK database (or if the M3 is out of GPRS coverage, stored until they can be sent). Engineers can use the M3's camera to take a photo of any asset during inspections. This is sent with the test results, providing essential visual conformation of damage for example.

The data collected on the CheckedOK server can be used in a number of ways. Reporting facilities allow Prolift staff or Prolift's customers to view the details of assets at any given site, their inspection details and any photographs provided by inspectors. Successful completion of an inspection generates the appropriate inspection certificate. These can be viewed on line and, optionally, sent automatically by email. Data can also be exported from the system to be used in other applications.

Benefits

The Prolift CheckedOK solution provides:

- Individual inspection schedules for engineers.
- Accurate recording of inspection results.
- Data on missing and relocated assets.
- Immediate access to inspection results.



Prolift handheld software is customised for their needs.

About CoreRFID

CoreRFID helps to improve safety and save costs in inspection processes. To learn more about how we can help, contact us today:

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CoreRFID is an associate member of the LEEA.

