



Lifting Equipment Management System

Introduction

In accordance with the Occupational Health and Safety (OHS) Act, lifting equipment may only be used by authorised personnel and all lifting equipment (machines) classified accordingly must be load tested (I.e. Performance tested) at intervals not exceeding twelve (12) months by a Department of Labour (DOL) registered authority. In addition, companies proactively conduct more routine inspections. In all instances, the need for compliancy demonstrations and records is of paramount importance.

The Synertech Lifting Equipment Management System (LEMS) is a turnkey solution that includes RFID hardware, software and services to efficiently manage the certification, tracking and inspection of lifting equipment from cradle to grave. LEMS is a web-based management and inspection solution that eliminates the paper trail and significantly improves productivity and safety. LEMS complies to all South African legislation and standards for lifting equipment.

With LEMS, safety inspections on all types and sizes of industrial lifting equipment can be conducted.

- Shackles
- Chain, wire rope and synthetic slings
- Plate Clamps
- Chain blocks
- Ladders
- Any any other form of lifting equipment defined in the OHS Act

With the LEMS identification and data storage system, managing the compliance of your lifting equipment has never been easier.

Key Features

- A full featured web-based lifting equipment management system.
- Realtime data at your fingertips.
- Paperless.
- Improved safety.
- RFID Ultra High Frequency (UHF) compliant to ICASA and international FCC and ETSI standards

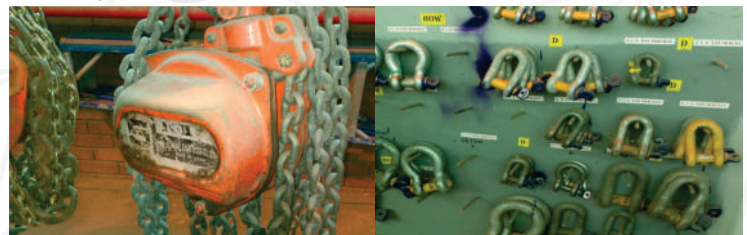
Components

A combination of tags are utilised to ensure that optimal readability is achieved depending on the item that requires tracking and to be able to withstand the elements.

Numerous RFID tag types are available ranging from combination RFID and barcode tags , cable-tie tags, On-metal tags for metallic assets and rugged tags designed to withstand a high degree of wear and tear associated with the harsh outdoor environment.

Synertech undergoes vigorous testing to ensure that RFID tags selected are the best possible fit for the item without affecting operational efficiency.

The system can be expanded with fixed or a hand-held readers that collect data of item movement and use, the information of which can then be passed on to the main management system for reporting.



Inspection Compliance

Inventory Management

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