



Lifting Equipment Safety Management System

Water Weights provides a complete Lifting Equipment Safety Management System (LESMS) by combining some or all of the following products and services:

- on-site repair, test and installation of lifting equipment
- on-site thorough examination
- off-site monitoring
- lifting equipment design reviews and hazardous operations analysis/defect rectification
- database management, using our SmartCert database
- training packages for thorough examination of lifting equipment

The system is used on fixed and loose lifting equipment in the defense and commercial shipping industries, and has also been applied in various other industries, including process and nuclear. During the implementation of the safety management system, our team pride itself on integrating well with the client's workforce, ensuring an in-depth understanding of their needs and causing minimum disruption.

The key benefits of the system are significant through life cost savings by reducing the amount of work required to maintain compliance, and increased operational performance.

The Onboard Implementation

- Lifting Point Pad eyes
- Loose Lifting Equipment
- Fixed and Portable Lifting Equipment

Scope of Work

- Full audit of equipment
- Reduce stockholding
- Achievement of compliance with relevant legislation
- Start inspection schedule
- Software management tool for maintaining compliance and control



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Database

- All details of audited equipment are held on the database and highlights when equipment is due for testing
- Records are held electronically – no need for printing large amounts of paperwork
- History is held in database for trending and corrective action planning
- Ship's Staff training
- Water Weights to monitor database for problems

The Benefits

- Enhanced safety
- Compliance with the law
- Reduction in amount of stock equipment
- The database informs the user when an item is due test or inspection
- Enhanced operational capability for the vessel and reduction of possible deficiencies

Common Problems Solved

- Excessive amount of equipment
- Unserviceable equipment
- Unique identifying numbers
- Incorrect certification

Results

- Stockholding reduced
- Multiple redundancy spares reduced
- Unserviceable equipment removed
- 100 % certification compliance
- 30% savings in annual costs
- Defense against litigation