INTRODUCTION TO LIFTING

SCHEDULE OF CERTIFICATION

ASCEND DATABASE

DOCK SIDE INSPECTION

STRUCTURAL ENGINEERING
Periodic Inspection and Certification Services:

The logistics, equipment and processes involved in the Hydrocarbons industry inevitably make the industry highly reliant upon lifting and mechanical handling equipment.

Lifting equipment, cargo carrying units and lifting appliances continuously interface closely with personnel throughout the industry from onshore workshops and storage facilities to the drill floor or production deck offshore, and all points in between.

The condition and serviceability of this equipment directly affects both the safety environment and efficiency of personnel dramatically.

At every stage of the many processes involved, lifting equipment and appliances play an integral and vital part in every task involving the movement of goods or equipment generally in excess of 30KG.

Therefore the availability of suitable lifting equipment and appliances within every organisation is crucial to efficient and smooth operations.

The method utilized by industry in general, and specifically the hydrocarbons industry, to monitor and control this vital component discipline is the periodic inspection and certification of lifting equipment and appliances.

The general processes undertaken in the regularised periodic certification of lifting equipment are as follows: -
Periodic Inspection and Certification Services:

The effectiveness of any periodic inspection and certification programme is entirely reliant upon the standard of personnel and processes involved in undertaking the required inspection surveys.

The delivery of certificates and inspection documentation requires a word processor only.

The delivery of a comprehensive and effective inspection survey requires trained and qualified inspectors working with Standard Operating Procedures and within a Quality Assurance system developed from extensive experience of the requirements of clients in relation to the discipline.

The enclosed information is intended to describe the philosophy and facilities developed by AMOSCO and offered to its clients relating to the inspection and certification of lifting equipment for assessment by existing and potential users of our services.
Recommended Schedule of Testing / Thorough Examinations.
Based on LOLER and L.E.E.A. Code of Practice.

Cargo carrying, Transportation and Offshore Working units.

CERTIFICATION INTERVALS

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In addition to the above intervals, the Proof Load Testing and (NDT) of any item will also be carried out following the repair and or alteration of the equipment concerned, and or at the discretion of the attending AMOSCO inspector.

Client equipment, which does not have suitable proof load test certification, will need to be subject to proof Load test and NDT at the initial inspection of the relative item.

Slings, Shackles and Lifting sets.

CERTIFICATION INTERVALS

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In addition to the above intervals, the Proof Load Testing of any item will also be carried out following the repair and or alteration of equipment, and or at the discretion of the attending AMOSCO inspector.

Client equipment, which does not have suitable proof load test certification, will need to be subject to proof Load test and NDT at the initial inspection of the relative item.
SCHEDULE OF CERTIFICATION

Loose tackle, Rigging equipment

CERTIFICATION INTERVALS
Initial 6 month Intervals thereafter.
See Visual Below Examination

In addition to the above intervals, the Proof Load Testing of any item will also be carried out following the repair and or alteration of equipment, and or at the discretion of the attending AMOSCO inspector.

Client equipment, which does not have suitable proof load test certification, will need to be subject to proof Load test and NDT at the initial inspection of the relative item.

Fixed Overhead Cranes, Runway Beams, Swing Jibs and Manual Lifting Machines (Chain Blocks / Pullifts)

CERTIFICATION INTERVALS
Initial 6 month Intervals. 60 months (or less if specified by other constraints)
See Visual Proof Load test
Below Examination

In addition to the above intervals, the Proof Load Testing of any item will also be carried out following the repair and or alteration of equipment, and or at the discretion of the attending AMOSCO inspector.

Client equipment, which does not have suitable proof load test certification, will need to be subject to proof Load test and NDT at the initial inspection of the relative item.
ASCEND is AMOSCO’s Lifting Inspection Management System.

System objectives:

The system has been devised to offer a comprehensive and consistent platform for the reporting of Certification activities undertaken by AMOSCO, and the presentation of subsequent reports and data to AMOSCO clients in digital form within a powerful database structure.

System components:

ASCEND consists of the following major components:

- EQUIPMENT REGISTERS
- CERTIFICATION HISTORY
- PERIODIC CERTIFICATION TRIGGER LISTS
- ACTIVE REMEDIAL ACTION REPORTS
- REPORT GENERATION Routines

The facilities offered by the system to AMOSCO clients are as follows:

- EQUIPMENT REGISTERS
- CERTIFICATION HISTORY
- PERIODIC CERTIFICATION TRIGGER LISTS
- ACTIVE REMEDIAL ACTION REPORTS

The above facilities are offered via the periodic updation of digitised data for remote site viewing as required by the client.

The above facilities are described in detail below.
Equipment Registers and Certification History:

All items of equipment are recorded individually.

Each selected item automatically highlights the relevant Certificate history for that item.

Selection of the highlighted certificate from the above screen will present the relevant Certificate for viewing and or printing.
Equipment Registers:

Registers have comprehensive filter routines to enable fast and user-friendly equipment selection.

Periodic Certification Trigger Listings:

The system enables the user to view ‘Trigger’ listings filtered to display equipment due for Examination or Test within the user chosen time window.
ASCEND DATABASE

Periodic Certification Trigger Listings:

Active Remedial Action Reports:

Summary reports detailing all current remedial actions, required subsequent to previous inspection surveys can be viewed and printed by the user easily.
AMOSCO offers bespoke services for inspection at dock side in order to insure that only suitable loads satisfying all logistic and HSE specifications for each operator are authorized to be on the dock side and loaded onto supply boats.

The services include but are not limited to the establishment and implementation of the rules to be followed on the site, the presence at all time of qualified inspector(s) allowing the various payloads to enter the operator’s transportation system (i.e. control of the validity of the certificates, colour codes, slings and all necessary steps required by the code of practice).

AMOSCO will be pleased to submit a bespoke quotation on specific matters as and when necessary.
SERVICES.

AMOSCO offers the services of its Specialised Structure Engineers for consultations on any issue in respect to lifting equipment matters (construction of overhead cranes, offshore baskets, containers, gas racks etc.).

These services include the design and drawing(s) of items required; their supervision and control of manufacturing if needed as well as inspection and certification after realisation of the item(s).

AMOSCO will be pleased to submit a bespoke quotation on specific matters as and when necessary.