LIFTING AND SLINGING COURSE

COURSE CONTENT

AIM
To enhance skills, enabling tasks to be performed by lifting and slinging components and equipment in a safe and correct manner.

Pre-Requisite
Knowledge of the environment in which the participant performs his/her duties.

Course Duration
Duration will be agreed with client:
- 1 day (Theory only) **or**
- 2 days (Theory & Practical)

Maximum Number
8 persons.

Training Aids
Lecture notes, audio-visual presentation, demonstrations and practice.

Assessment
Written test.

Certification
On successful completion of the course candidates will receive a NETA certificate.

Please Note: NETA certificates have an advised expiry of 3 years from date of issue.

Additional Information
Meeting the needs and expectations of service users is of the highest priority to our staff. Therefore if you have any concerns or wish to make a comment about the service please contact: i**nfo@NETA.co.uk**

COURSE OBJECTIVES

At the conclusion of this course the delegate will be capable of correctly and safely:

- Selecting and using chains and chain slings
- Selecting and using synthetic slings
- Selecting and using wire rope slings
- Selecting and using shackles
- Selecting and using eye bolts
- Using 'Safe Working Load' Charts
- Slinging and moving loads
- Calculating the weights and centres of gravity of loads and taking these factors into account of slinging and moving same

They will also have a working knowledge of all relevant current legislation relating to lifting and slinging and of general site and workshop safety standards and be familiar with lifting equipment and lifting accessories inspection, maintenance and storage procedures.

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COURSE SYLLABUS

Communication
Use of hand signals

Use of Chain Slings
- The types and grades of chains
- The use of SWL Charts
- Slinging with chain slings and collar chains
- Do's and don'ts of slinging with chains

Rope Slings
- Synthetic slings and wire rope construction and grades
- Types in general use and their applications
- Calculating tension to weight at various angles
- Working angles and SWL Charts

Synthetic Slings
- The types of slings in use and their applications
- Identification of SWL
- Do’s and don’ts of slinging with synthetic slings

General
- Safety Standards and Legislation pertaining to slinging
- Testing, storing and using chain, synthetic slings and wire rope slings emphasising safe working methods
- The basic principles of handling moving loads
- Using eye bolts and shackles etc. when lifting
- Appreciation of working with cranes and the correct use of hand signals
- Calculating weights and centres of gravity loads

Practical Slinging and Operating –
The Principle of Slinging
- Estimating the weights of various objects - the seen and hidden factors affecting the weights
- Selection of correct equipment
- Correct use of sling angles
- Safe working load - correct sling angle
- Checking of slings
- Centre of gravity of the load
- Correct load distribution
- Accident prevention - precautions to be taken to prevent load slipping and safeguards against out of balance effects

Assessment
Summary of course content, question and discussion. End of course assessment and test

Course Ref: CPR01
CSM: 09/20

Onsite Training Requirements
Clients must make suitable lifting equipment and accessories available for the practical elements of onsite courses for delegates to practice on