

€ TRAINING

Lifting plan Engineering and Standards





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Introduction:

This training program provides participants with comprehensive knowledge and practical skills essential for developing and implementing safe and efficient lifting plans. It empowers them to ensure the safety, compliance, and effectiveness of lifting activities in their organizations.

Program Objectives:

At the end of this program, participants will be able to:

- Understand the fundamentals of lifting plan engineering.
- Develop skills in creating and implementing lifting plans.
- Learn techniques for assessing lifting operations and equipment.
- Gain insights into industry standards and regulatory requirements.
- Enhance capabilities in ensuring safety and compliance in lifting operations.

Targeted Audience:

- Lifting Engineers.
- Safety Officers.
- Project Managers.
- Construction Supervisors.
- Rigging Supervisors.
- Operations Managers.

Program Outline:

Unit 1:

Introduction to Lifting Plan Engineering

- Overview of lifting operations and their importance.
- Key principles of lifting plan engineering.

- Roles and responsibilities of personnel involved in lifting operations.
- Basic concepts and terminology related to lifting plans.
- Case studies on effective lifting plan engineering.

Unit 2:

Creating and Implementing Lifting Plans

- Steps for developing comprehensive lifting plans.
- Identifying and selecting appropriate lifting equipment.
- Assessing site conditions and load characteristics.
- Planning and coordinating lifting activities.
- Exercises on creating and implementing lifting plans.

Unit 3:

Assessing Lifting Operations and Equipment

- Techniques for evaluating lifting operations.
- Inspecting and maintaining lifting equipment.
- Identifying potential hazards and risks in lifting activities.
- Ensuring proper load handling and stability.
- Case studies on lifting operation assessments.

Unit 4:

Industry Standards and Regulatory Requirements

- Overview of relevant industry standards ASME, OSHA.
- Understanding regulatory requirements for lifting operations.
- Compliance with safety regulations and guidelines.
- Documenting and reporting lifting activities.

Unit 5:

Ensuring Safety and Compliance in Lifting Operations:

- Best practices for ensuring safety in lifting activities.
- Developing safety protocols and emergency response plans.
- Training and certifying lifting personnel.
- Continuous improvement in lifting operations.
- Real-world examples of safety and compliance in lifting operations.