

INTRODUCTION

Overhead gantry cranes are widely used in industrial workplaces for lifting and moving heavy loads. Improper operation can lead to serious accidents such as falling loads, equipment damage, and injury to personnel. This training course is designed to provide participants with the necessary knowledge and practical skills to operate overhead gantry cranes safely and efficiently in compliance with safety requirements.

OBJECTIVE

Participants will benefit by being able to:

- Identify the components and functions of overhead gantry cranes
- Recognise hazards associated with crane operation and lifting activities
- Perform pre-operational inspection and safety checks
- Apply proper rigging, slinging and load handling techniques
- Operate overhead gantry crane safely and effectively

COURSE CONTENTS

Introduction & Legal Requirements

- Introduction to the course
- OSHA Amendment Act 2022
- Certificate of Fitness (PMA)
- Operator roles and responsibilities
- Fundamental of overhead crane operation
- PPE requirements and load dynamics
- Crane components and functions

Rigging, Inspection & Safe Operation

- Basic rigging and slinging procedures
- Safe load handling techniques
- Standard hand signals
- Pre-operation inspection
- Risk assessment and crane techniques
- Hazard identification and control measures

Theory and Practical Exam

- Theory Assessment
- Practical Assessment

CERTIFICATION

Certificate of Achievement + Certified Card (valid for 2 years)

TARGET GROUP

- Supervisors/OSH Personnel
- Rigger and signalman
- Overhead crane operator
- * **Maximum 20 pax per group**

METHODOLOGY

Theory & Video Presentation

Practical demonstration

Theory & Practical Assessment

HRDF SBL-KHAS
Claimable



ABOUT SPEAKER

Trainer:

DEVISEN RAJANATHAN (HRD Corp Registered Trainer / HSE Practitioner)

Education

Executive Master in Health, Safety and Environment (UMP)
Executive Diploma in Health, Safety and Environment (OUM)

Qualification

- HRD Corp Certified Trainer & Competent Safety and Health Officer (DOSH)
- Over 25 years of experience in Health, Safety & Environment (HSE) across multiple industries
- Certified in various safety competencies including NEBOSH, ISO 45001, Working at Height, Forklift Handling & HIRARC
- Extensive experience in consultancy, audit, accident investigation and OSH management system implementation
- Conducted training and consultancy for major industries including manufacturing, plantation, construction, logistics and healthcare

FOR MORE DETAIL, PLEASE CONTACT

YN Safety and Health Consultancy Services

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Other Safety and Health Consultancy Services are provided. Please contact to get more details.