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APPROVED TRAINING PROVIDER



As per  
POWER, LOLER (UK) &  
British Standard  
7121: Part 2 2012

# CRANE & PLANT INSPECTION TRAINING PROGRAM

安全培训

## OVERVIEW

This course trains one how to inspect crane, plant and accessories. The course will cover legislation, responsibilities, inspection procedures and reporting methods. This course will help you to understand your responsibilities according to the legislation so that you can select safe work equipment, assess the risks in your workplace and manage the hazards to people's health and safety. The course will guide you on control measures and practical health and safety information that you can apply. It covers detailed theory & practical inspection steps and reasons for mobile and non mobile machinery.

## OBJECTIVES

The aim of this training course will provide to participants:

- ✓ An overview of POWER, LOLER, FMA who is responsible, what duties are placed on them and what equipment the regulations apply to.
- ✓ Conducting risk assessments.
- ✓ Specific reasons and practical hands-on inspection steps using our 1H & 6W methodology.
- ✓ Implementing a safe inspection program for mobile & non mobile equipment.

## METHODOLOGY

- ✓ Lectures with Q&A, Handout Notes, Foreign Language Translator (Optional)
- ✓ Accident Pictures & Video shows with discussion
- ✓ HIRARC Activity – Case studies discussion
- ✓ Pre / Post Objective Theory Tests
- ✓ Practical Inspection / Demonstration & Assessment

## TARGET PARTICIPANTS

- ✓ Suitable for people who want to be nominated as a competent person to inspect plant.
- ✓ Provision and Use of Work Equipment Regulations, employers must ensure that their workers are sufficiently trained in relevant inspection practices.
- ✓ If your job role involves operating or managing the use of work equipment, then it's essential that you're familiar with the hazards and how to manage them.
- ✓ Applies to all types of workplaces, including construction sites, factories, hospitals, and farms - anywhere equipment and machinery are used at work.
- ✓ Fulfill your responsibility as required by the regulations.



## COURSE CONTENT:

### 1. INTRODUCTION

Introducing the topic, emphasising the potential hazards of working with equipment in the workplace and the importance of taking steps to control the risks.

### 2. FMA 1970, PUWER 1998 & LOLER 1998

Introduces the regulations, lists examples of which equipment is covered, and lists the key duties placed on employers and employees.

### 3. HIRARC

Provides guidance for recognising risks, taking appropriate measures and reducing the risks.

### 4. EQUIPMENT INSPECTION

Cover the responsibilities associated with inspection & thorough examination of mobile & non-mobile equipment & accessories

### 5. INSPECTION REPORTING

Guidance on recording includes what should be recorded, how and where it should be recorded, the level of recording necessary. Inspection Templates provided, will encompass Structural, Mechanical, Hydraulics, Pneumatics, Electrical, Electronics, Mechatronics.



**TRAINER:** Lt. Colonel (CD) Frank Tan, PMP, PJK, PBP, PAP was the

- Expert Panel Specialist appointed by (JPK) Jabatan Pembangunan Kemahiran to develop the only National Occupational Skills Standard in the fields of MHE Operations and Maintenance and Mobile Elevating Work Platform Operations, Crane Lifting Operations.
- Expert Panel Specialist appointed by CIDB to develop the 5 modules under MEWP & Lifting Operations Modules Rigging/ Slings, Signaling, Lifting Supervisor, Crane Lifting Planner.
- He holds professional certifications & qualifications in Crane Lifting / MHE / MEWP Operations and Vocational Training Officer (JPK), Train The Trainer (HRDF), Certified Lifting Director, Specialised Transportation (ITI, accredited by LEEA & ASME), American Society of Safety Engineers, Society of Automotive Engineers USA, PUWER & LOLER (UK) certifications.
- He has more than 35 years of training & practical experience and has served as speaker and trainer at NIOSH, ABM, CIDB, many MNCs, GLCs, PLCs, SMEs, Local and International Conferences.



#### Some of our satisfied clients:

Abx Express, A-Sonic Customs Broker Services, Aerodarat, Agility, Airbus, Airod, Air Products, Aker Solutions, Akzo Nobel, Amsteel, Ancom, Ann Joo, APM, Armstrong, Avery Dennison, B.Braun, Bahru Stainless, Baker Hughes, BAT, BNM, Bauer, Blue Scope, Bofl, Boston Scientific, Bradken, British High Comm., BSG, CAE Kuala Lumpur, CAMPBELL Cheong Wan, CARRIER International, Carsem, CEL Logistics, Cenviro, CHEC Construction, Chevron, China Const. Co., Celestica, Cement Industries, Cenviro, CIBA VISION, CIDB, Citylink, City Piling, CJ Century, Coffee Bean, Concept Design, Daikin, Dell, DHL, Dialog, Digi, DRB-Hicom, Dutch Lady, Ecologis, EEW, Elekrisola, Entegris, Equator Engineering, Essential Logistics, ETOPS, Eurocare, Everly Hotel, Federal Fujikura, FedEx, FELDA, FGV Kernel Products, Fibertex, Flextronics, Flowfuel, FM Global Logistics, Fonterra, Foresight, Fueller Logistics, Gading Kencana, GAMUDA GEO, Gardenia, Gas Malaysia, GD Express, GE, Genesis Curis, German Automotive Lighting, Giada Trading & Transport, Giant, Gold Coin, Govt. Hospitals, Greencon Resources, GREENTECH Constructions, Halfen Moment, Halliburton, Hartalega, Hartroot Air Services, Hitachi, Honda, Hume Cement, IJUM, IKEA, IOI, Istana Budaya, Isuzu, Jebson & Jessen, JB Cocoa, Johnson, Johor Port, Jupiter Logistics, Keller, Kerthi Airport, Kintetsu World Express, KLCC, Kobe, Komatsu Ltd, Konsortium PD, Kontena Nasional, KRAIBURG TPE Technology, K&N, Lafarge-Holcim, Laubros, Legoland, Liebherr, Linocraft, Lotte-Titan, LS Prisma, MAB, Macfood, Majlis Perbandaran Manjung, Malakoff, Malaya Glass, Malaysia Transformer (MFS), Mammoet, MAPA Gloves, MAskargo, Masterpave, Maxis, MBF Printers, MEC Forwarding System, Menard, Merlin Entertainment, MISC, MMC-Gamuda, MMHE, MML, Mondri, Monier, Motorola, MRCB, Muda Paper, Mudajaya, Mujur Minat, Mydin, Nestle, Nilai Medical, NITTSU, Newwin Engineering, North Oil, Northport, NPK Fertilizer, Orica-CCM, Panasonic, Parrots Enterprise, PCA Group, Pengerang Gas Solution, Percetakan Nasional, Perodua, Petrofac, PETRONAS, PHIL-ORIENT Logistics, Phillip Morris, PKT Logistics, PLUS, Prifaria, PROTON, PTP, Public Crane Heavy Equipment, Red Crescent, RLDE, RK Lorry Transport, Rohde & Schwarz, Rokonma, Samsung, Sapura, Sarawak Timber, Schenker Logistics, Segi, Senai Airport, Sentiasa Hebat, SGL, Shell, Shimano, Shin-Etsu, Shopee, Sirme Darby, Skynet, SODEXO Malaysia, Song Transport, Southern Steel Mesh, St John, Sumitomo, SunPower, Sunway, Tatsuno Engineering & Service Malaysia, Swift Integrated Logistics, Syngenta, TCIM, Technip-FMC, Teleflex, TUT Hardware Machinery, TNB, TNT Express, TESCO, TNLS, TNO Project Management, TOMCARE Resources, Top Glove, Trans Elite, Triangle Worldwide, Tune Insurance, Tung Shin, UAC, UDA Holdings, UEM Edgenta, UITM, UKM, UMP, Unisteel, UPB, UPM, V.S Industry, Venture, Vesuvius, VISION World Construction, Viva Haulage, Volvo, VOLVO Car Manufacturing, Vopak, Watson, WCT, WD, World Asia Logistics, World Express, World Kitchen.

#### ★ Winner of 9 International & Local Awards

MOF Registration #357-02124992  
5 I-Ray Eyes Technique Patent Owner  
5 Star Rating Training Provider of HRDF  
Training Provider: FELDA/ NESTLE/ PETRONAS/ SHELL/ TNB  
Training Partner: ABM, APM, BSR, HRDF(M), GF(ASIA), FedUni(Aust), API(UK)  
Training, Curriculum & Content Developer: HRDF, DSD, CIDB  
The Malaysia Book of Records 2019 Winner (with APM)

#### ★ Behavior-Based Safety (BBS) Operations Training

Forklift / Reach Truck / PP Stacker / VNA  
Reach Stacker / ECL / Excavator Crawler / Telehandler  
MEWP (Scissors Lift / Boom Lift / Vertical Lift / Sky Lift)  
OTC, Lorry Crane, Rigger, Signaller, Lifting Supervisor & Planner  
Defensive Driving: Ambulance / Fire Eng. / Car / Bus / Van / Lorry  
Crane & Plant Inspection, LOLER, PUWER, LOTO, 5S+



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