



>15 years since 2003
bringing you home safely
transferring their trouble safely

EXPERT PANEL OF
 APPROVED TRAINING PROVIDER



As per
 British Standard
 7121: Part 13 2009

安全培训

OVERVIEW

Our Behaviour-Based Hoisting Machine Safety Operations Training Program are meant for operators, inspectors and operators who require a thorough knowledge of overhead and gantry cranes, monorail systems and hoists. This program enables companies to perform their own in-house crane inspection and operation, which include the OSHA required Monthly and Periodic Inspections. Training and certification ensure that operators and inspectors meet the OSHA and ASME competency and qualification requirements.

OBJECTIVES

- ✓ The training present minimum recommended safety requirements for ensuring the safe and efficient operation of overhead travelling cranes.
- ✓ Successful completion of this training material should help to ensure that workers are suitably trained to safely operate overhead travelling cranes.
- ✓ Being suitably trained is one component of worker competence.
- ✓ Operators will also be trained for a general understanding of operation, rigging, slinging, signalling and inspection of Overhead travelling crane, equipment & accessories.

METHODOLOGY

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

A64 Comprehensive OVERHEAD TRAVELLING/ GANTRY CRANE SAFETY OPERATIONS TRAINING PROGRAM



TARGET PARTICIPANTS

- ✓ All overhead crane and hoist operators
- ✓ All hoist and crane maintenance personnel
- ✓ Safety program trainers & managers
- ✓ Plant managers & Production area managers
- ✓ Experienced Crane operators resulting from a review of skills to eliminate bad habits.

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/ Slinging, Signaling, Lifting Supervisor.
- He holds professional certifications & qualifications in Crane Lifting / MHE / MEWP Operations and Vocational Training Officer (JPK), Train The Trainer (HRDF), Certified Lifting Director (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 many MNCs, GLCs, PLCs, SMEs, NIOSH, ABM, CIDB, Local and International Conferences.

LEARNING OUTCOME

Through a combination of targeted training and experience, an individual will be able to:

ROLES AND RESPONSIBILITIES

- ✓ Describe the nature of the sector of industry and their role and responsibilities as a plant operator.

PREPARING FOR WORK

- ✓ Name and explain the purpose of the principal components, the basic construction, controls and terminology including warning systems, limits of operation and motion types.
- ✓ Conform with all requirements as per the operator's handbook, other types of information source and relevant regulations and legislation.
- ✓ Explain all relevant documentation.
- ✓ Use correct access and egress procedures.
- ✓ Explain emergency egress procedures - cab types
- ✓ Undertake all pre-use checks and put the crane into service.
- ✓ Check all relevant warning systems, emergency stop function, motion limiters and prepare the crane for work.

TRAVELLING & MANOEUVERING

- ✓ Travel using the full working range of the beam and trolley (with and without loads).

SETTING UP FOR WORK

- ✓ Configure and set for lifting and transferring duties.
- ✓ Outline how weights and centres of gravity are identified.
- ✓ Explain actions required for relevant proximity hazards.

WORKING TASKS

- ✓ Maintain safe working situations.
- ✓ Lift and control the movement of various loads using the full lateral and longitudinal travel of the crane at varying heights.
- ✓ Recognise & respond to given signals and instructions.
- ✓ Place loads safely and accurately.
- ✓ Control load swings.
- ✓ Explain slinging techniques applicable to overhead travelling cranes.
- ✓ Place loads out of sight of the operator.

COMPLETING WORK

- ✓ Maintain safe and tidy working areas.

SHUTTING DOWN

- ✓ Place the crane in an out-of-service condition.
- ✓ Explain environmental factors relating to working and out-of-service procedures.



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, Bofi, Boston Scientific, Bradken, British High Comm., BSG, CAE Kuala Lumpur, CAMPBELL Cheong Wan, CARRIER International, Carsem, CEL Logistics, Cerviro, 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, Ecologics, EEW, Elektrisola, 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, Hartrodt 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, Malaysia Glass, Malaysia Transformer (MFS), Mammoet, MAPA Gloves, MASKARGO, Masterpave, Maxis, MBF Printers, MEC Forwarding System, Menard, Merlin Entertainment, MISC, MMC-Gamuda, MIMHE, MML, Mondri, Monier, Motorola, MRCB, Muda Paper, Mudajaya, Mujur Minat, Mydin, Nestle, Nilai Medical, NITTSU, Newwin Engineering, North Oil, Northport, NPX Fertilizer, Orica-CCM, Panasonic, Parrots Enterprise, PCA Group, Pengerang Gas Solution, Percetakan Nasional, Perodua, Petrofac, PETRONAS, PHILI-ORIENT Logistics, Philip Morris, PKT Logistics, PLUS, Prifaria, PROTON, PTP, Public Crane Heavy Equipment, Red Crescent, RLDE, RK Lorry Transports, Rohde & Schwarz, Rokonma, Samsung, Sapura, Sarawak Timber, Schenker Logistics, Segi, Senai Airport, Sentiasa Hebat, SGL, Shell, Shimano, Shin-Etsu, Shopee, Sime Darby, Skynt, SODEXO Malaysia, Song Transport, Southern Steel Mesh, St John, Sumitomo, SunPower, Sunway, Tatsuno Engineering & Service Malaysia, Swift Integrated Logistics, Syngenta, TCIM, Technip-FMC, Teleflex, TLIT 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, UTM, 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(USA)
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, 55+



**Comprehensive
OVERHEAD
TRAVELLING/
GANTRY CRANE
SAFETY OPERATIONS
TRAINING PROGRAM**
安全培训

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