

## OBJECTIVES

- ✓ The aim of this course is to provide candidates with practical and theoretical knowledge in order for them to undertake the role of a rigger/ slinger/ signaller/ tagline holder.
- ✓ Following successful completion of the course candidates will be able to select the correct lifting accessories, attach them to loads safely and guide the load using the appropriate hand signals and tagline.

## METHODOLOGY

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

## TARGET PARTICIPANTS

- ✓ This course is aimed at inexperienced operators who are required to undertake rigging, slinging, signalling and tagline holding for the movement of loads using lifting equipment.
- ✓ Candidates may be new to the role or may be those with limited experience and no formal training.

## DURATION

- ✓ 4 days – 28 hours
- ✓ Weekday / Weekend and Modular Classes Available



**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 LEAA & 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, a rigger/ slinger/ signaller/ tagline holder will be able to:

## ROLES AND RESPONSIBILITIES

- ✓ Describe the nature of the sector of industry and their role and responsibilities as a rigger / slinger / signaller/ tagline holder.

## PREPARING FOR WORK

- ✓ Name and explain the purpose of the differing types of lifting equipment and lifting accessories, basic construction, uses and applications, characteristics and terminology.
- ✓ Conform with manufacturer's requirements as per technical data, other types of information source and relevant regulations and legislation.
- ✓ Interpret and extract information on all relevant documentation.
- ✓ Undertake all pre-use checks on non-specialist lifting accessories and identify non serviceable items.
- ✓ Explain procedures for placing non-serviceable items out-of-service.

## SETTING UP FOR WORK

- ✓ Identify centres of gravity and estimate weights of loads.
- ✓ Prepare and ready the area of operation.
- ✓ Choose the relevant lifting accessory for a given load.
- ✓ Explain action required for hazards, underground and overhead services.

## WORKING TASKS

- ✓ Secure various types of load to a lifting hook using the relevant lifting accessory and procedures.
- ✓ Ensure load balance, security and integrity.
- ✓ Direct and guide the movement of loads to different types of location.
- ✓ Accurately place loads.
- ✓ Arrange, use and comply with communication procedures.
- ✓ Maintain safe working situations.

## COMPLETING WORK

- ✓ Carry out out-of-service and securing 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, Cenviro, CHEC Construction, Chevron, China Const. Co., Celestica, Cement Industries, Cenviro, CIBA VISION, CIBB, Citylink, City Piling, CI Century, Coffee Bean, Concept Design, Daikin, Dell, DHL, Dialog, Digi, DRB-Hicom, Dutch Lady, Ecologis, 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, Hartrod Air Services, Hitachi, Honda, Hume Cement, IIUM, IJM, IKEA, IOI, Istana Budaya, Isuzu, Jebson & Jessen, JB Cocoa, Johnson, Johor Port, Jupiter Logistics, Keller, Kertih 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, 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, 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, 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, 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(USA)  
Training, Curriculum & Content Developer: HRDF, DSD, CIBB  
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+



## THE ISO GROUP (operated by In-Source Options Sdn Bhd)

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