



Abm

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PUSAT PENILAIAN DAN LATIHAN PEMBINAAN CIDB

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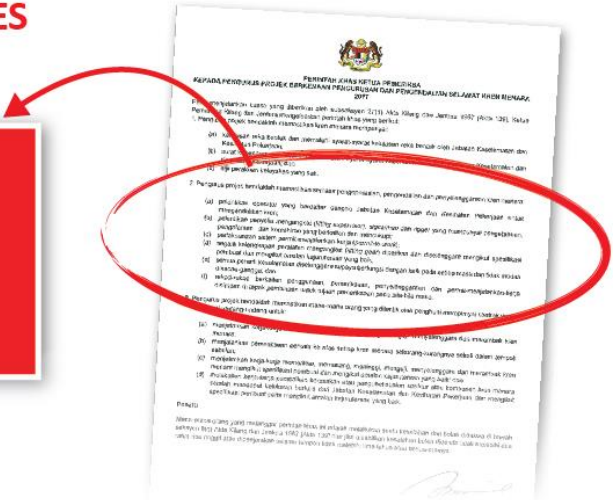


CRANE / LIFTING SUPERVISOR TRAINING PROGRAM

DOSH (JKKP) NEW CIRCULAR REQUIRES COMPETENT LIFTING SUPERVISOR EFFECTIVE 5th JUNE 2017

Pengurus projek hendaklah memastikan semasa pengoperasian, pengendalian dan penyelenggaraan kren menara:

- ✓ Pelantikan penyelia mengangkat (lifting supervisor), signalman dan rigger yang mempunyai pengetahuan, pengalaman dan kemahiran yang berkaitan dan mencukupi.



OVERVIEW

The Crane Lifting Supervisor Training adopted is an international approach to safety that focuses on proper supervision of lifting team using Mobile Crane, Crawler Crane, and Tower Crane in the construction and upstream manufacturing activities.

The supervision must be in line with the Lifting Plan, Method Statement, Inspection Duties of Equipment and Accessories Used, Conduct of Pre-Lift Meeting, Proper Set-up of Equipment, Used of Determined Accessories, etc;

This is to ensure safe lifting to prevent crane overturn, dropped loads, damage to environment and fatality.

COURSE OBJECTIVES

- ✓ The aim of this course is to provide candidates with underpinning knowledge and skills in order for them to perform the roles and responsibilities of a Crane Lifting Supervisor.
- ✓ Following successful completion of the course candidates will be able to understand and ensure safe systems of work for lifting operations including understanding risk assessments and method statements.

METHODOLOGY

- ✓ Lectures with Q&A, Handout Notes
- ✓ Accident Pictures & Video shows with discussion
- ✓ HIRARC Activity – Case studies discussion
- ✓ Pre / Post Theory Tests
- ✓ Pre-operation Inspection
- ✓ Practical Operations Demonstration & Assessment



LEARNING OUTCOME

1. LEGISLATIVE AND REGULATIVE:-

- Explain the duties and responsibilities of: An Appointed Person, a Crane Supervisor, a Crane Operator, a Slinger, a Signaller, a crane erector, and maintenance personnel.
- State basic requirements of legislation, regulations, and Codes of Practice that relate to all types of lifting duties.
- Explain maintenance, inspection, thorough examination and testing requirements for lifting equipment and accessories.
- State requirements that allow safe site access and egress for typical lifting equipment.
- Explain additional requirements for loads to be lifted from height.

2. LIFTING EQUIPMENT:-

- Explain the function and use off, and use information provided by, RCLs and anti-collision systems.
- Describe setting up, erection, levelling and dismantling requirements for different types of lifting equipment and lifts.

3. LIFTING ACCESSORIES:-

- List different types of lifting accessories and explain typical applications.
- Identify and explain relevant information relating to different types of lifting accessories i.e. markings, certificates and thorough examination reports, etc.
- Verify sling sizes and angles.
- Explain slinging techniques for given loads including balanced, unbalanced and loose.
- Verify appropriate lifting accessories for given types of loads in accordance with a given method statement.
- Confirm weights and centres of gravity for difference types of loads in accordance with a given method statement.

4. COMMUNICATION:-

- Describe and demonstrate different types of communication methods for lifting purposes.
- Communicate the lift plan information to others involved in a lifting operation.
- Report and explain positive and negative aspects of a typical lift following the operation to the Appointed Person.

5. SUPERVISING:-

- Identify potential hazards and unsafe lifting practices using given lifting scenarios.
- Evaluate and explain how environmental factors and the surrounding area external to the lift zone can affect the planned lifting operation.
- Prepare an area, with exclusion zones, from given lifting plans, ensuring safe access / egress routes for before, during and after the lift.
- Mark the position of lifting equipment according to a given plan.
- Verify potential proximity and underground hazards from given plans and drawings.
- Confirm personnel requirements to meet the lift plan.
- Mark the position of lifting accessories and prepare load spreading systems as required.
- Confirm lifting equipment configurations from given plans.
- Control a lifting operation using a given lifting plan.

TARGET PARTICIPANTS

- ✓ Supervisor / Executive / Manager
- ✓ 2 years related working experience

DURATION

- ✓ 7 days / 49 hours
- ✓ Weekday or Weekend Classes Available

TRAINING DATES

- ✓ From _____ to _____

COURSE FEE

- ✓ RM 9,100.00 per pax
- ✓ HRDF - SME Contributors 100% sponsorship by HRDF
- ✓ HRDF - Non-SME Contributors 50% Sponsored by HRDF, Balance Course Fee will be Deducted from Employer's HRD Levy

AWARD CERTIFICATION

- ✓ Certificate of Achievement Sijil Pencapaian in all Theory Practical Assessments from Akademi Binaan Malaysia (of CIDB)



Some of our satisfied clients in Material Handling Equipment (MHE), Mobile Elevating Work Platform (MEWP), Rigger/ Slinger/ Signaller/ Tagline, Crane Lifting Supervisor & Planner, Defensive Driving and Inspections Trainings include the following:

Aerodarat, Agility, Air Products, Airod, Aker Solutions, Akzo Nobel, Amsteel, Ancom, Ann Joo, APM, Armstrong, Avery Dennison, BBraun, Bahru Stainless, Baker Hughes, BAT, BNM, Bauer, Blue Scope, Boston Scientific, Bradken, British High Comm., BSG, Carsem, China Const. Co., CCM, Celestica, Cement Industries, Cenviro, Citylink, Daikin, Dell, DHL, Dialog, Digi, DRB-Hicom, Dutch Lady, EEW, Elektrisola, Entegris, ETOPS, Eurocare, Federal Fujikura, Federal Express Services, FELDA, Fibertex, Flextronics, Fonterra, Gardenia, Gas Malaysia, GD Express, GE, Genesis Curis, German Automotive Lighting, Giant, Gold Coin, Govt. Hospitals, Halliburton, Hartalega, Hitachi, Hume Cement, IIUM, IJM, IKEA, IOI, Istana Budaya, Isuzu, JB Cocoa, Johnson, Johor Port, Keller, Kerthi Airport, KLCC, Kobe, Kontena Nasional, K&N, Lafarge-Holcim, Laubros, Liebherr, Linocraft, Lotte-Titan, Macfood, Malakoff, Malaya Glass, MAB, MML, Mammoet, MAPA Gloves, MASKargo, Maxis, MBF Printers, MISC, MMC-Gamuda, MMHE, Mondi, Monier, Motorola, MRCB, Muda Paper, Mudajaya, Mydin, Nestle, Nilai Medical, NITTSU, Northport, NPK Fertilizer, Orica, Panasonic, Percetakan Nasional, Perodua, PETRONAS, Philip Morris, PLUS, PROTON, PTP, Red Crescent, Samsung, Sapura, Sarawak Timber, Segi, Senai Airport, SGL, Shell, Shimano, Shin-Etsu, Shopee, Sime Darby, St John, Sumitomo, SunPower, Sunway, TCIM, Technip-FMC, Teleflex, TNB, TNT Express, TESCO, TNLS, Top Glove, Trans Elite, Tune Insurance, Tung Shin, UAC, UKM, UMP, Unisteel, UPB, UPM, V.S., Venture, Vesuvius, Volvo, Vopak, Watson, WCT, WD, 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
Training Partner: ABM, HRDF (M), 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 Stackler / VNA
Reach Stackler / 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, SS+



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