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As per  
British Standard  
7121: Part 4 2010

# A36 Behaviour-Based LORRY LOADER SAFETY OPERATIONS TRAINING PROGRAM

安全培训

## OVERVIEW

Our Lorry Loader training is in line with British Standard 7121-4 Code of Practice for Safe Use of Cranes.

A lorry loader is a commercial vehicle or trailer, fitted with a loader crane, which normally has a load-carrying capability.

BS 7121-4 includes guidance on:

- ✓ Management Selection of Equipment.
- ✓ Selection and training of personnel.
- ✓ Procedures and precautions.
- ✓ Testing Inspection.
- ✓ Maintenance Examination.

Our training also cover BS7121-2, which provides general guidance on the inspection, testing and examination of cranes.

## OBJECTIVE

- ✓ The A36 course aim to provide the candidate with a thorough practical and theory training for ensuring the safe and efficient operation of Lorry Loader Crane.

## 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 Operation Demonstration & Assessment

## TARGET PARTICIPANTS

- ✓ This course is aimed at inexperienced operators who are required to undertake lifting and transporting of loads using Lorry Loader Crane.
- ✓ Candidates may be new to the role or may be those with limited experience and no formal training.



## 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 principal components, the basic construction, controls and terminology.
- ✓ Conform with manufacturer's requirements as per the operator's handbook, other types of information source and relevant regulations and legislation.
- ✓ Explain all relevant documentation.
- ✓ Undertake all pre-use checks on the host vehicle and loader crane.

## TRAVELLING & MANOEUVERING

- ✓ Configure the vehicle and loader crane ready for travel.
- ✓ Travel the vehicle to an area of work.
- ✓ Manoeuvre in confined spaces.

## SETTING UP FOR WORK

- ✓ Position and configure the vehicle and loader crane for lifting duties.
- ✓ Deploy the stabilisers to specification.
- ✓ Explain action required for hazards, underground and overhead services.

## WORKING TASKS

- ✓ Programme/ set-up and/ or comply with Rated Capacity Indicators or Load Moment Indicators for lifting duties.
- ✓ Identify weights and centres of gravity of loads.
- ✓ Lift various loads using the full radius and stowing capabilities of the loader crane.
- ✓ Place loads accurately at designated positions including on/into and from the vehicle.
- ✓ Explain the use of, types and fitting of boom extensions.
- ✓ Minimise the swinging of loads.
- ✓ Secure loads on or in the vehicle.
- ✓ Explain different types of lifting accessories compatible with loader crane use.
- ✓ Maintain safe working situations.

## SHUTTING DOWN

- ✓ Carry out shut down and securing procedures.

**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, Ancorn, Ann Joo, APM, Armstrong, Avery Dennison, B.Braun, Bahru Stainless, Baker Hughes, BAT, BNM, Bauer, Blue Scope, Boff, Boston Scientific, Bradken, British High Comm., BSG, CAE Kuala Lumpur, CAMPBELL Cheong Wan, CARRIER International, Carsem, CEL Logistics, Cenvro, CHEC Construction, Chevron, China Const. Co., Celestica, Cement Industries, Cenvro, CIBA VISION, CIDB, Citylink, City Piling, CJ 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, Hartrodt Air Services, Hitachi, Honda, Hume Cement, IUUM, IJM, IKEA, IOI, Istana Budaya, Isuzu, Jebson & Jessen, JB Cocoa, Johnson, Johor Port, Jupiter Logistics, Keller, Kerth 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, Mondli, 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, 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, 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, TLT 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.

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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 Stack / 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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