

Rough Terrain Masted Lift Truck	
Land-based	LAA1401,02,03,04,05
Intermediate Certificate	CPA1401,02,03,04,05
Course objectives	<ul style="list-style-type: none"> • Identify the basic construction and components, and the purpose and use of all controls and gauges. • Identify and comply with manufacturers instructions in accordance with the operator's handbook, other information sources i.e. Rating plates, and applicable regulations. • Explain all relevant documentation. • Carry out all pre-use and running checks. • Configure the forklift for site and road travel. • Travel the over different types of terrain, including rough undulating ground and substantial inclines, both with and without a load. • Manoeuvre in confined areas using forward and reverse direction, both with and without a load. • Set up the forklift in order to lift various loads. • Ensure load integrity and security. • Transport Loads • Lift various loads within the full working range of the forklift. • Place and retrieve loads accurately at various places. • Place and retrieve loads from a vehicle bed or trailer. • Keep within safe working parameters. • Place the forklift in an out-of-service condition. • Explain the loading and unloading procedure on and off a transporter.
Who the courses are for	Anyone who uses or will be using a rough terrain masted lift truck in the land-based industries or construction industry.
Duration/format	Novice operators – 5 days Experienced operators – varying depending on experience
Instructor/candidate ratio	1 instructor : 3 candidates
Equipment required for IC course and test Course organiser	<ul style="list-style-type: none"> • Serviceable rough terrain masted forklift that meets current legislation (PUWER, LOLER), having at least a 1 tonne lift capacity, fitted with: <ul style="list-style-type: none"> i) standard forks ii) R.O.P.S, F.O.P.S and a seatbelt iii) rough terrain capability NB: Substitute machines are not acceptable. For example, 180° Backhoe Loaders, Telescopic handlers with bucket fitted cannot be substituted for a Loading Shovel • Loads of known weights to consist of:- <ul style="list-style-type: none"> Load A 1 x load not less than 50% of the forklift's rated capacity Load B 3 x similar size palletised loads suitable for stacking safely • Lorry bed equipped with a headboard (this may be simulated but must have the same dimensions including the ground/bed height). • Loading out tower not less than 75% of forklift's maximum lift height, able to safely support Load A.

<p>Equipment required for IC course and test</p> <p>Course organiser (continued)</p>	<ul style="list-style-type: none"> • An area which must have: <ul style="list-style-type: none"> i) level ground ii) rough, uneven terrain. iii) a slope(s) not less than 18% (1:5.5) incline with sufficient manoeuvring area at the top and bottom. iv) a straight run of at least 20 metres • NB: Area must be minimum 50x50m, free from overhead obstructions and at least 20m from overhead power lines. • Cones/materials etc. to create restrictions for travelling and manoeuvring. • Operator instruction book for all machinery and attachments • Tyre pressure gauge and pump • First Aid equipment complying with the Health and Safety (First Aid) Regulation 1981 • Fire extinguisher • Flipchart board and pens • Lapel badges • VCR and TV
<p>Equipment for land-based course and test</p> <p>Course organiser</p>	<ul style="list-style-type: none"> • Suitable safe area of hard flat surface, minimum area 50x50m, enough for candidates to operate the machine over a number of days, free from overhead obstructions, at least 20 metres from overhead power lines. • Lift truck complying with safety regulations in a well-maintained state • Suitable loads to include at least 20 pallets in good condition, 3 different sized empty pallets (or similar), 4 potato boxes (or similar) and 4 full palleted loads (within the capacity of the truck) • One load of not less than 50% of forklift's maximum rated capacity • Three similar size palletised loads suitable for stacking • Racking or block stacks that allows stacking to take place at ground level, eye level and high level. The high level must be not less than 75% of the forklift's maximum operating height • An area which must have level ground, a straight run of at least 10 metres, slopes and inclines • Cones/materials • Method of cordoning off the work area • Vehicle to be loaded (eg high sided trailer) • For bulk handling operations a compatible loading shovel/fork/grab of correct weight category complying with all safety regulations. • Supplementary vehicle for loading e.g. suitably sized tractor and trailer, muck spreader, dumper, dump truck or lorry. • Suitable bulk material to load (eg soil, grain) • Operator instruction book for all machinery and attachments • First Aid equipment complying with the Health and Safety (First Aid) Regulation 1981 • Fire extinguisher • Flipchart board and pens • Lapel badges • VCR and TV

Instructor	<ul style="list-style-type: none"> • Current Instructor qualification and operator certificate (not more than 5 years old) • Check the venue and facilities comply with all HSE requirements and current legislation (PUWER, LOLER) • Operator instruction book for all machinery and attachments • Tyre pressure gauge and pump • Comprehensive tool kit • Clean rag, brushes etc • Oil, grease, grease gun and oil can • Steel tape measure • Overalls and wet weather clothing • High visibility jacket • PPE (eye, head, foot and hand protection) • Prepared flipcharts • First Aid equipment complying with the Health and Safety (First Aid) Reg 1981 • Examples/photographs of worn or damaged parts • HSE GN6 • VCR and TV • HSE 'Dangerous Manoeuvres' and 'The Correct Approach' videos
Candidate	<ul style="list-style-type: none"> • Operator instruction book for all machinery and attachments • Overalls and wet weather clothing • High visibility jacket • PPE (eye, head, foot and hand protection) • Notebook and pencil
Venue	<ul style="list-style-type: none"> • Dry clean building with room for all machinery to be worked on • Light and heating if necessary • Seating and tables for candidates • Suitable area of land to operate (see above)
Course materials	<ul style="list-style-type: none"> • Skills guide • Land-based/IC theory test question paper • Land-based/IC operator assessment form