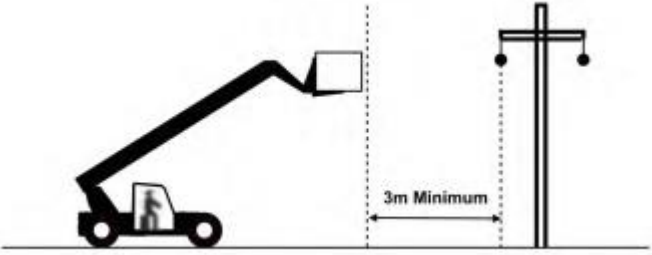


RISK & OPPORTUNITIES - RISK ASSESSMENT 008

| WORK TASK | SAFE USE OF ROUGH TERRAIN FORKLIFT TRUCK | | | |
|-------------------------------------|--|--|-------------|-------------------------------|
| | Works reference [where required] | | Client / PC | Line manager/person in charge |
| Site/location | | | | |
| Start Date: | | | End Date: | |
| Worker participation & consultation | | | | |

| METHOD OF ASSESSMENT | | RISK ASSESSMENT METHODOLOGY | | RISK ACTION LEVELS: | |
|---------------------------------|--|-----------------------------|-----------------------------|--|--|
| PERSONS EXPOSED | | Value Likelihood Axis | Value Severity of Harm Axis | | |
| Employers' workers | | 1 Negligible | 1 No harm | 1-5 No action required | |
| Other workers | | 2 Low | 2 Minor | 6-11 Low – limited action required | |
| Members of the public | | 3 Likely | 3 7day loss | 12- Medium – significant, action required following the principles of prevention | |
| Visitors | | 4 Very likely | 4 Specified injuries | 19-25 High – significant, action may require technical input beyond the author | |
| Plant operators | | 5 Certain | 5 Catastrophic | | |
| Young workers | | | | | |
| Others please state | | | | | |
| POTENTIAL NUMBER EXPOSED | | | | | |

| | | | | | |
|------------|------------------|----|----|----|----|
| LIKELIHOOD | 5 | 10 | 15 | 20 | 25 |
| | 4 | 8 | 12 | 16 | 20 |
| | 3 | 6 | 9 | 12 | 15 |
| | 2 | 4 | 6 | 8 | 10 |
| | 1 | 2 | 3 | 4 | 5 |
| | SEVERITY OF HARM | | | | |










| HAZARDS | L | S | RR ¹ | PRINCIPLES OF PREVENTION | L | S | RR ² |
|--|---|---|-----------------|--|---|---|-----------------|
| Selection; overturning; contact with overhead power lines; striking pedestrians; crushes and trapping; falling loads; loss of control, lack of maintenance, unauthorized use | 4 | 5 | 20 | <p>Selection; The telehandler should be matched to the type and size of load to be carried and lifted, together with the environment in which it will operate. Where necessary the manufacturer should be consulted when third party attachments are to be used. Telehandlers are not used for lifting suspended loads. Unlike a mobile crane they cannot lift a load over a point without the operator simultaneously raising and extending the boom to keep the suspension point stationary on the horizontal plane. If the load is to be moved either side of the telehandler centreline the whole machine has to be moved on its wheels. These restrictions prevent precision lifting with small clearances being carried out safely.</p> <p>Overturning; <i>Lateral stability</i> As a load on the forks of a telehandler is lifted, the centre of gravity of the whole machine rises. This does not matter if the machine is level: but on a cross slope the centre of gravity will move towards the tipping line as the load is raised with a risk of overturning. This is exacerbated when driven with a raised load. Telehandlers should always be driven with the boom lowered to ensure the centre of gravity and load are as low as possible. Driving with the boom raised must never be considered as "normal" practice. It introduces an extra risk that must be assessed. If the site is so restricted that manoeuvring is impossible without raising the boom, this risk assessment must be re-assessed.</p> <p><i>Ground stability</i> Adequate assessment of ground conditions is essential to the safe use of telehandlers. To maintain stability a telehandler: should only be used on firm ground that resists sinking of the wheels or stabilisers (if fitted); lift vertically, either being on level ground or using a frame levelling feature; be stationary with the brake applied, for all "normal" lifts.</p> <p>Contacting overhead power lines; If you have to work near overhead power (lines 15mts, cables 5mts), observe the following rules: - Treat all overhead lines as 'live'. <u>GS6</u> must be applied and contact with statutory undertaker made early to establish maximum clearance and danger area requirements. This must include wet weather clearances which can result in a 'flash over' to earth. Do not try to bypass 'goal posts' or barriers or other warnings. If you are a banks-person, always keep the overhead lines in view when giving directions. Only direct plant under power lines where 'goal posts' are provided.</p> <div data-bbox="600 1002 1249 1257" data-label="Diagram">  </div> <p>Minimum Exclusion Zone Distance from Pole Mounted Power Lines up to 33kV</p> | 2 | 5 | 10 |

| HAZARDS | L | S | RR ¹ | PRINCIPLES OF PREVENTION | L | S | RR ² |
|---------|---|---|-----------------|---|---|---|-----------------|
| | | | | <div data-bbox="577 331 1258 639" data-label="Diagram"> </div> <p data-bbox="562 655 1429 679">Minimum Exclusion Zone Distance from Tower Mounted Power Lines above 33kV</p> <p data-bbox="562 683 801 707">Striking pedestrians;</p> <p data-bbox="562 710 651 734"><i>Visibility</i></p> <p data-bbox="562 737 1928 959">Visibility aids should be in good working order and properly adjusted. It is the operator's responsibility to check the condition of all secondary aids to visibility and NOT TO USE THE MACHINE if they are not present or not working correctly. It is the Supervisor's responsibility to fully support the operator in this action. The operator must look around and check for the absence of pedestrians before moving and whilst manoeuvring and travelling. If the operator cannot see clearly, they should seek assistance or leave the cab to look around to confirm it is safe to continue. Wherever possible pedestrians should be segregated from moving vehicles. The majority of telehandlers feature a side-mounted cab, and boom mounted centrally or to the right of the chassis. The operator's view is obstructed or 'masked' by the cab pillars and any other part of the structure that is in the way. Loading can place the boom in the operator's line of sight and prevent a clear view.</p> <p data-bbox="562 962 819 986">Crushes and trapping;</p> <p data-bbox="562 989 1912 1098">Tag lines should be attached to loads to control rotation. Loads must be secured to prevent them slipping or falling off. Effective exclusion zones must be established in operating areas and unauthorized persons kept out. Attaching, moving, positioning, and detaching loads must be carried out by appropriately trained and competent slinger/signalers only. Telehandler operators must make full and proper use of hand and footholds when mounting and dismounting the cab.</p> <p data-bbox="562 1101 745 1125">Loss of control;</p> <p data-bbox="562 1128 1906 1206">Stability and load carrying capacity can be adversely affected by incorrect tyre pressure; differences in diameter of tyres on the same axle due to differential wear; incorrect ply rating; poor tyre repairs. Where wind speeds reach 20mph operations are to be aborted until the wind abates to a safe level.</p> <p data-bbox="562 1209 719 1233">Falling loads;</p> <p data-bbox="562 1236 707 1260"><i>Load stability</i></p> <p data-bbox="562 1264 1585 1287">Before lifting a load it should be assessed to ensure that it will be stable and secure during lifting.</p> | | | |

| HAZARDS | L | S | RR ¹ | PRINCIPLES OF PREVENTION | L | S | RR ² |
|---------|---|---|-----------------|---|---|---|-----------------|
| | | | | <p>A load chart must be fixed in a prominent position which is easily readable by the operator including information on rated and actual capacities. WAH danger zones must be set up beneath the operating area and unauthorized persons kept out. Telehandlers must be assessed for FOP's and FOG's as required.</p> <p>Lack of maintenance; It is a legal requirement that a manufacturer's instruction manual be evident with the telehandler. This apart from anything else provides important information on pre-use checks and maintenance regime for the machine. Operators are to carry out the visual checks required in the operator's manual. Telehandlers must be fit for purpose, in good and efficient working order, good and efficient state of repair, free of defect and maintained. As lifting equipment telehandlers are subject to statutory thorough examinations. Period not exceeding 12 months if the telehandler is only used for lifting, not exceeding 6 months if the telehandler is used for lifting persons and after any major alteration or damage (event). Lifting accessories and lifting attachments must be thoroughly examined at intervals not exceeding six months.</p> <p>Unauthorized use/start up Be authorised to use a telehandler and familiarised with machine used; use recorded key issue or the fit immobilisers; inspect and maintain to avoid increased risk of failure; make sure no-one is required to be beneath the forks at any time.</p> <p><i>Supervision</i> Ensure that unsafe acts are minimised and that supervision is effective.</p> <p>Medical fitness; You must be both physically and mentally fit and capable to operate construction plant. You have a duty to tell your employer if this is not the case. Roy Allen operate a zero tolerance drugs (other than prescribed) and alcohol policy.</p> <p>Public interface: Provide specific 'drive-in' loading areas for safer movement of goods on to site; plan deliveries to make sure they do not coincide with heavy pedestrian traffic, such as taking children to school; consider whether the deliveries should be scheduled at times outside of large movements of people such as rush hours or the journeys to and from school.</p> | | | |

| ADDITIONAL CONTROLS | Statutory Inspections: 12 month T/E on RTFLT – 6 monthly on lift accessories | Permits: As may be required in certain work environments. |
|---|---|--|
| <p>Information, instruction and training & supervision: All workers & visitors are to be given specific information and Instruction by way of induction into any site-specific lifting arrangements. Teleporter operators are trained, competent and hold a relevant competence card, and medically fit.</p> | <p>Monitoring: Work supervisors are to ensure that workers under their control adhere to any site-specific rules. Changes in the arrangements can be communicated through 'tbt's'.</p> | <p>Emergencies: Follow any specific site or principal contractor's procedures. Trained first aiders only may give first aid. All incidents must be reported as quickly as possible so that any accident reporting procedures can be dealt with i.e., RIDDOR</p> |

Temporary Works: It may be that a temporary works design is required for ground bearing capacity. This is to make sure that the machine does not overturn and that any underground voids, cellars and the like have been identified in the area you will be working. RTFLT operators and their supervisor should always check with the person in control of the site first - before operating their machines.

| PERSONAL AND RESPIRATORY PROTECTIVE EQUIPMENT | | | | |
|---|---|---|--|--|
| PPE/RPE must always be regarded as a last resort, the last line of defence. All other measures must be considered and if the use of PPE/RPE avoided where possible and practical. Where PPE/RPE is worn it must be suitable, compatible, and issue free. If in doubt ASK! | | | | |
|  EN397 Industrial safety helmet |  EN13287 Slip resistant |  EN471.2 |  As required |  As required |
|  As required |  As required |  As required |  As required | |
| ADDITIONAL: | | | | |

| | |
|-------------------|---|
| MONITORING | <p>Briefing: person in charge/control of the activity is to brief those under their control this assessment.</p> <p>Change and review: The originator is responsible for ensuring that the assessment is reviewed when it is no longer valid. This could be after the results of any monitoring, changes in law, technology or work process. As a minimum the assessment is to be reviewed annually</p> |
|-------------------|---|

| PERSONS BRIEFED IN THE SAFE PROCEDURE OF THIS ACTIVITY/RISK | | | |
|---|---------|-----------|------|
| PRINT NAME | COMPANY | SIGNATURE | DATE |
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