

## Plant & Equipment Standard - Lorry Loader Crane and Tipping Plant H09-G03

VolkerFitzpatrick  
✓

VolkerFitzpatrick-Rail  
✓

VolkerRail  
n/a

VolkerStevin  
✓

VolkerHighways  
✓

VolkerLaser  
✓

VolkerServices  
n/a

### LORRY LOADER CRANE

- All Plant is to be inspected prior to first use, by completing the appropriate pre-start check sheet and daily / weekly recorded inspections thereafter
- Daily / weekly inspection records for **site-based** plant are to be completed and held in the cab or other suitable location
- Operators must complete a full induction prior to starting work and evidence of having signed on to the appropriate RAMS / WPP / TBS for the task provided
- Sites must assess the suitability and selection of a Lorry Loader for particular tasks and environments. A specific risk assessment must be completed prior to work commencing which can be detailed in the main works' risk assessment. This must take account of the ground conditions, inclines on which they are to be used and any overhead obstructions within and adjacent to the working area



### MANDATORY

Plant	Operator
<ul style="list-style-type: none"> <li>• Pre-use inspection signed off</li> <li>• If used on public highway - compliance with Construction and Use regulations (lights, VED, registration plates front and rear etc.)</li> <li>• Current VED and Operator licence displayed in cab windscreen</li> <li>• Current MOT plating certificate</li> <li>• Current 4 yearly static test certificate</li> <li>• Current 12 monthly LOLER thorough examination certificate</li> <li>• Current 6-monthly LOLER certification for all onboard lifting tackle and accessories</li> <li>• Seat belts (retractable) must be fitted</li> <li>• Flashing amber beacon</li> <li>• Mirrors / CCTV to provide 360° visibility</li> <li>• Evidence of regular inspection plus "next service due" date</li> <li>• Safe access for refuelling, maintenance and to any place where accessories are stored</li> <li>• Operator's instructions must be available on the machine</li> <li>• All safety labels (decals) in place</li> <li>• Locking caps / covers</li> <li>• Isolation switch with key / locking doors with key</li> <li>• Fire extinguisher in cab</li> <li>• Reversing alarm to be fitted working and audible</li> <li>• Lifting duty chart to be displayed or available in the cab</li> <li>• Tipping body must be in the docked (parked) position prior to moving</li> <li>• Lorry loader grab attachment for tipping lorries must be stowed within the tipping body of the vehicle prior to moving</li> <li>• SWL on display</li> <li>• Chapter 8 compliant beacons, reflective chevrons and 'Highway / Motorway Maintenance' signage</li> <li>• Functional Calibrated Rated Capacity Indicator (RCI) and Rated Capacity Limiter (RCL)</li> </ul>	<ul style="list-style-type: none"> <li>• Shall be suitably trained and competent</li> <li>• CPCS, NPORS or ALLMI Card with relevant equipment category endorsement</li> <li>• Compliance with VolkerWessels UK (VW UK) H55 <i>Control of Lifting Operations, Equipment and Accessories</i></li> <li>• Minimum of Cat C driving licence when unit over 7.5t GVW</li> <li>• Drivers should be working towards the completion of a full CPCS driver's course within 2 years</li> <li>• Competency assessment to be completed prior to being put to work - so to be familiar with machine (H09-09 <i>Permit to Operate Plant</i>)</li> <li>• Full site-defined PPE required - close fitting PPE required in all cases to avoid catching on controls</li> <li>• Operator to be briefed on and to comply with VW UK Pre-use, Daily and Weekly Defect Reporting System. Report defects and stop machine where defect is safety critical.</li> <li>• Ensure machine is operated in accordance with manufactures instructions and in accordance with his / her training</li> <li>• Be briefed on the site Plant and Vehicle Management procedures and check for overhead obstructions and hazards</li> <li>• Shall stop work if any unauthorised / unsupervised personnel enter their immediate work area</li> <li>• Engine must be turned off if approached by others and keys removed from the ignition before leaving the plant unattended for any reason</li> <li>• Operator to mount and dismount machine using fixed access arrangements and always facing the machine</li> <li>• Seat belt must be worn</li> <li>• Shall report all unsafe conditions</li> <li>• All site speed limits must be briefed and complied with</li> <li>• Must comply with the requirements of the site lift plan</li> <li>• Must know the weights of the loads before lifting</li> <li>• Prevention of falls from vehicles must be adhered to</li> </ul>

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<ul style="list-style-type: none"> <li>• A visual or audible alarm in the cab warning the driver that the crane boom is incorrectly stowed</li> <li>• Fall prevention and / or fall arrest arrangements where access to vehicle body required</li> </ul> <p><b>Environmental</b></p> <ul style="list-style-type: none"> <li>• Engine must comply with the Stage IIIB European Emissions Standards and the NRMM Emissions Regulations in Central London and Canary Wharf</li> </ul>	
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### DESIRABLE

<ul style="list-style-type: none"> <li>• Complete people exclusion area around plant and operation</li> <li>• Reversing alarm to be directional and 'white noise'</li> <li>• GPS tracker unit installed</li> <li>• Isolation method independent of factory fitted locks</li> <li>• Locking caps / covers to fuel and all other tanks</li> <li>• Outrigger lock-out preventing crane operation with legs in stowed position</li> <li>• Sensor de-rate system if crane is used 'short-rigged'</li> <li>• Traffic cones or other means of maintaining safe zone and avoiding pedestrian traffic near lifting</li> <li>• When used for lifting a list of weights of potential items to be lifted should be maintained</li> </ul>
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RISKS	CONTROLS
<ul style="list-style-type: none"> <li>• Load path - slewing over / near pedestrians</li> <li>• Overturning if lifting duties exceeded, ground capable of withstanding imposed outrigger loadings, underground services</li> <li>• Effect of weather on visibility and working / traffic surfaces</li> <li>• Reversing</li> <li>• Unloading</li> <li>• Turning Circles</li> <li>• Overhead obstructions - cables, bridges, power lines, telephone lines</li> </ul>	<ul style="list-style-type: none"> <li>• Safe and clean access into cab</li> <li>• Safe and clean access for refuelling and maintenance</li> <li>• No entry into exclusion zone unless signalled by operator - <b>Thumbs Up</b></li> <li>• Dropped loads - exclusion zone set up around the area of lifting operations, loads consisting of loose material / components to be containerised</li> <li>• Reversing alarm audible at 10m</li> <li>• Plant and personnel segregation</li> <li>• Erect goalposts or install blue warning cones to create and indicate a safety clearance route for all site traffic</li> <li>• Jib clash - coordination with adjacent cranes, tall plant</li> <li>• Public interface (working alongside) - consider slew restrictors</li> <li>• COSHH assessment for fuels, oils and greases</li> <li>• Controls should be secured so that unauthorised operation is effectively prevented when the machine is not in use</li> </ul>

Note: All persons preparing risk assessments involving plant are encouraged to visit the proposed area of work and to review previous risk assessments undertaken for similar activities and safety alerts.

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