

# Plant & Equipment Standard - Fuel Bowsers

H09-G25

VolkerFitzpatrick ✓	VolkerFitzpatrick-Rail ✓	VolkerRail n/a	VolkerStevin ✓	VolkerHighways ✓	VolkerLaser ✓	VolkerServices n/a
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Fuel Bowsers 500 - 2000 litres
<ul style="list-style-type: none"> <li>• All Plant is to be inspected prior to first use, by completing the appropriate pre-start check sheet and daily / weekly recorded inspections thereafter</li> <li>• Daily / weekly inspection records for site-based plant are to be completed</li> <li>• Sites must assess the suitability and selection of the bowser for particular tasks and environments. A specific RAMS / WPP / TBS must be completed prior to work commencing which can be detailed in the main works risk assessment</li> </ul>



## MANDATORY

Plant	Operator
<ul style="list-style-type: none"> <li>• Comply with EC Machinery Directive 2006/42/EC</li> <li>• Road towable bowsers chassis must comply with EC Directive 2007/46/EC</li> <li>• Unique ID (Fleet) number to be displayed</li> <li>• Manufacturer's instructions / operator's manual should be provided with the Bowser</li> <li>• Specific towing / lifting points clearly displayed</li> <li>• Evidence of regular inspection / service</li> <li>• Single axle bowsers must have an anti-crush loop on tow hitch</li> <li>• All safety labels (decals) in place</li> <li>• Integral double fuel bunding minimum 110% of total capacity for environmental protection</li> <li>• If for use on Public Highway must be supplied with 40mm towing eye, lights, indicators, registration plate mount / holder, mud guards, safety chain and overrun braking system</li> <li>• If a 12v powered dispensing pump is fitted an automatic shutoff nozzle must be fitted and fully functioning</li> <li>• Fuel gauge fitted and in working order</li> <li>• Towable bowsers must be fitted with a functioning handbrake and jockey wheel which is designed to be secure during transit allowing maximum ground clearance above the bottom of the chassis</li> <li>• Bowsers should be capable of being lifted when full utilising the designated and clearly marked lifting points</li> <li>• Lockable dispensing compartment combined with hand / electrical pump dispenser with minimum 6m delivery hose.</li> <li>• Where access at height is required, suitable systems should be in place to prevent falling from height and always maintain 3 points of contact</li> <li>• 12v Batteries for electric pump / systems should be securely mounted with permanent intrinsically safe / insulated wiring and connections as shown below.</li> </ul>	<ul style="list-style-type: none"> <li>• For towable bowsers must have the correct driving licence category for towing and ensure that the towing vehicle and trailer does not exceed the rated capacity</li> <li>• Ensure the bowser is the road legal type i.e., rear lights and rear number plate displaying the registration of the towing vehicle</li> <li>• F01-04 <i>LGV (Large Goods Vehicle) Defect Report and Daily Check Sheet</i> or F01-05 <i>LCV (Light Commercial Vehicle) Vehicle Log Report and Weekly Check Sheet</i>, trailer section also needs to be completed as one combination.</li> <li>• For carriage of diesel or fuel oil on the public highway in quantities greater than 1,000 litres, the driver must be trained and hold an ADR certificate</li> <li>• Shall be suitably trained and competent</li> <li>• Trained in the use of spill kits</li> <li>• Full site-defined PPE required</li> <li>• Ensure COSHH data sheets and assessments have been briefed to operatives and are available as required</li> <li>• Operator to be briefed on and to comply with VolkerWessels UK Pre-use Daily and Weekly Defect Reporting System. Report defects and stop where defect is safety critical</li> <li>• Ensure the bowser is operated in accordance with manufactures instructions and in accordance with operatives training</li> </ul>

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DESIRABLE
<ul style="list-style-type: none"> <li>• Lockable dispensing compartment accessed from ground level</li> <li>• Led lights in lieu of bulbs (Towable bowser only)</li> <li>• Spill kit</li> <li>• Security wheel clamps</li> <li>• Tow hitch lock</li> </ul>

RISKS	CONTROLS
<ul style="list-style-type: none"> <li>• Towing and lifting operations</li> <li>• Stability / Overturning during filling and dispensing operations</li> <li>• Stability during loading and unloading</li> <li>• Stability whilst moving around site and on public highway</li> <li>• Loading / unloading onto transport</li> </ul>	<ul style="list-style-type: none"> <li>• Safe and clean access for fuel dispensing</li> <li>• COSHH assessment for fuels and oils</li> <li>• Spill kits with operatives trained in the use off</li> <li>• Operators shall be suitably trained and competent</li> <li>• SSOW &amp; RA to be in place for refueling operations</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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