

**SITE INFORMATION**

Client Name **Royal Hallamshire Hospital**

Client Address **Glossop Road**  
**Sheffield**  
**S10 2JF**

**DATE** **07/12/2023**


Inspection carried out by **Paul Harrison**

Oftec Number **18375**

Job Number **PROS116637**

Number of tanks on this site **8**

**TANK INFORMATION**

<b>Tank Name</b>	Tank farm bulk tank 4		<b>Form tank number</b>	<b>4</b>	
<b>Tank Purpose</b>	Heating and generator		<b>Photo</b>		
<b>Remarks</b>					
Does the tank have an identification mark or number actually painted or marked on the tank itself or on a plate attached to it?					<b>Yes</b>
Are there openings on a tank top that would interfere with correct venting or allow water ingress?					<b>No</b>
<b>TYPE of OIL</b>	Gas Oil				
<b>Tank Measurement Type</b>		Diameter/Length-Height (mm)			
<b>Long</b>		<b>Wide</b>		<b>High</b>	
<b>Diameter</b>	2760			<b>Length/ Height</b>	6130
<b>Capacity</b>	36674.86			<b>Age</b>	>15
<b>Material of construction</b>		Painted Steel			
<b>Shape</b>		Horizontal cylindrical			
<b>Lagged?</b>		No			
<b>Skin</b>		Single Skin			
<b>Tank Support Condition</b>		Good (no visible problems)			
<b>Damp-proof membrane</b>		Not required			
					<b>Fireproof at least 300mm beyond edge of tank? <b>Yes</b></b> <b>Impact protection Good (no problems, no danger)</b>

**TANK VENT**

Is the tank vent visible?	Yes		
Vent Pipe Size	2 1/2"		
How does the vent terminate?	Inverted 'U' bend		
In the event of overfilling the tank, will spillage be directed into bund?	Yes		
Is vent located remote from the tank?	Yes		
Is vent terminal more than 500mm above tank top?	No	If so, estimate or measure height of vent terminal from tank top	
		If so, is a pressure relieving device fitted to vent pipe?	
Is there a risk of the tank being overstressed/rupturing due to problems with the vent?			No

**BUND DETAILS**

Is the tank banded?	Yes	
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<b>Size of Bund</b>			
Long (mm)	21400		
Wide (mm)	12850		
High (mm)	300		
Capacity (L)	82497.00		
Capacity compliant (e.g. 110%)?	No		
Is bund open to weather (e.g. no roof)?	Yes	Bund Visual Condition	Adequate
Remarks			
Construction of bund	In situ Concrete		

Internal finish of bund			
Rendered?	Yes	Painted?	Yes
Remarks			
Are there obvious cracks or holes?			Yes
Are there any outlets/valves through bund walls (not continuous pipes)?			No
Are there any pipes passing through bund walls?			Yes
		If yes, are they well sealed?	No
		Are there tank/bund drains external to the bund?	
Oil in the bund?	No signs of any oil		
Water retention of bund			
Is bund watertight?	Yes		
Is there water in the bund?	No		

<b>Sump</b>							
Is there a sump?	Yes	<b>Long (mm)</b>	1600	<b>Wide (mm)</b>	1600	<b>High (mm)</b>	1850
<b>Removal of water from bund</b>		Approved automatic pump system (e.g. BundGuard)					
<b>Clearances</b>							
Between tank and bund wall		Less than 750mm					
Between tank and base		Over 600mm (OK)					
<b>Jetting</b>	Danger of squirting over bund wall if holed at high level?					<b>No</b>	

**FILL POINT & FILL PIPES**

<b>Fill Type</b>	Remote Fill	
<b>Offset Fill Type</b>		
<b>Remote Fill Type</b>	Pipework above ground	

**GENERAL**

<b>Fill pipe size (nominal bore and approximate length)</b>	2 1/2"
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Is vent visible from fill point?	<b>Yes</b>
Is a Fill Point Cabinet Fitted?	<b>Yes</b>
Is the Fill pipe or Fill point cabinet lockable?	<b>Yes</b>
Is a drip tray provided?	<b>Yes</b>
Is an isolating valve fitted?	<b>Yes</b>
Is a fill cap with retainer provided?	<b>Yes</b>
Is a Non Return valve fitted?	<b>No</b>
Is an overfill prevention valve fitted?	<b>No</b>
Is the fill pipe serving more than one tank?	<b>No</b>

**Are the following indicated on or near the fill pipe?**

Tank number	<b>Yes</b>
Fuel grade	<b>Yes</b>
Usable capacity	<b>Yes</b>
Safe delivery procedure	<b>Yes</b>
Emergency spill procedure	<b>Yes</b>

**If above ground, are fill pipes?**

Sound and not leaking	<b>Yes</b>
Properly supported	<b>Yes</b>
Impact protected	<b>Yes</b>
Corrosion protected	<b>Yes</b>
Frost protected	<b>No</b>
Joints accessible	<b>Yes</b>

Condition	Adequate
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**TANK EQUIPMENT**

Contents Gauge - Type	Hydrostatic (e.g. Normond)		
Is gauge known to be inaccurate, faulty, damaged?			
Date of last calibration if known			
ALARMS			
Is an alarm fitted?	Yes		
State Type	Overfill		
Alarm make	Hytex	Is test facility provided?	Yes
Alarm Power	Battery	Is mute facility provided?	Yes
Is the alarm apparently functioning?	No		
Remarks:			

**DRAW OFF/FEED PIPES**

<b>FIXED PIPES</b>			
Draw-off pipe size and length	1 1/4"		
Material	Mild steel		
Draw off pipes run	Both		

**If above ground, are the draw-off pipes:**

Sound and not leaking	Yes
Properly supported	Yes
Impact protected	Yes
Corrosion protected	Yes
Lagged	No
Trace heated	No

**If below ground, are the draw-off pipes:**

Sound and not leaking	Unknown
Single skin	No
Double skin	Yes
Leak detection	Unknown
Is there a surface loading risk?	No
Remarks:	

<b>FLEXIBLE PIPES</b>		
Material: N/A		
Is nozzle and hose stored within bund?		
Can nozzle be left in open position?		
Is there an automatic knock-off device/self closing tap?		
Is it lockable?		
Remarks:		

<b>PUMPS AND ANCILLARY EQUIPMENT – fixed to or adjacent to tank</b>		
<b>Are pumps</b>		
Protected from impact?	Yes	
Protected from misuse	Yes	
<b>Taps and valves</b>		
Clearly marked open/shut	Yes	
Locked when not in use	Yes	
Remarks:		

<b>SPILL PROCEDURE AND CLEAN UP KITS/MATERIALS</b>		
Are there spill kits available on site?	Yes	
Are there spill kits readily available for use at all times?	No	
Is there a written spill procedure available?	Unknown	
Are personnel trained in spill procedures?	Unknown	
Remarks:		

<b>SITE DRAINAGE</b>		
Is a drainage plan available?	Unknown	
Are draining manholes colour coded?	No	
Remarks:		

**ENVIRONMENTAL ISSUES**

<b>Is Tank:-</b>		
located where spillage might run to open drain or manhole?	Yes	
located within 10m of a spring?	Unknown	
located within 50m of a borehole?	Unknown	
Remarks:		

**FIRE**

Is tank/apparatus fitted with a fire valve?	Unknown	
Is tank more than 3500 litres?	Yes	
Is tank less than 6m from a building?	No	
	If so, then either -	
	Is a 'Type C Screen Wall' provided - must give 120 minutes of fire resistance and extend not less than 900mm beyond top and ends of the tank. (BS5410:2 1978 applies)?	
	Any building within 6 metres part of the tank must have 120 mins of standard fire resistance	
	Be imperforate if within 1.8 metres of the tank and 6 metres of the tank must be 60 minutes self-closing type and have 60 minute fire resistant glazing. (Recommend they be blocked off.)	
Remarks:		

**SUMMARY OF TANK CONDITION**

<b>General condition of:</b>							
Tank	Adequate	Pipes	Good	Gauges etc.	Poor	Bund	Dangerous
Does the tank comply with the DEFRA Oil Storage regulations 2001?						No	
Remarks: Holes in bund wall for cables							
Replace batteries in alarm							