

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

Tank Name	Tank farm Bulk tank 1		Form tank number	1	
Tank Purpose	Heating and generator		Photo		
Remarks	Dip 2100mm Gauge reads 80000lts 8000lt out				
Does the tank have an identification mark or number actually painted or marked on the tank itself or on a plate attached to it?					Yes
Are there openings on a tank top that would interfere with correct venting or allow water ingress?					No
TYPE of OIL	Gas Oil				
Tank Measurement Type		Diameter/Length-Height (mm)			
Long		Wide		High	
Diameter	7320			Length/ Height	6000
Capacity	252501.11			Age	>15
Material of construction		Painted Steel			
Shape		Vertical cylindrical			
Lagged?		No			
Skin		Single Skin			
Tank Support Condition		Good (no visible problems)			
Damp-proof membrane		Not required			
					Fireproof at least 300mm beyond edge of tank? Yes Impact protection Good (no problems, no danger)

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?	Yes	If so, estimate or measure height of vent terminal from tank top	700mm
		If so, is a pressure relieving device fitted to vent pipe?	No
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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Size of Bund			
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	Hole in bund wall for cables not sealed		
Construction of bund	In situ Concrete		

Internal finish of bund			
Rendered?	Yes	Painted?	Yes
Remarks			
Are there obvious cracks or holes?			No
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		

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

FILL POINT & FILL PIPES

Fill Type	Remote Fill	
Offset Fill Type		
Remote Fill Type	Pipework above ground	

GENERAL

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

Are the following indicated on or near the fill pipe?

Tank number	Yes
Fuel grade	Yes
Usable capacity	Yes
Safe delivery procedure	Yes
Emergency spill procedure	Yes

If above ground, are fill pipes?	
Sound and not leaking	Yes
Properly supported	Yes
Impact protected	Yes
Corrosion protected	Yes
Frost protected	No
Joints accessible	Yes

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	Hytek	Is test facility provided?	Yes
Alarm Power	Battery	Is mute facility provided?	Yes
Is the alarm apparently functioning?	Yes		
Remarks:			

DRAW OFF/FEED PIPES

FIXED PIPES		
Draw-off pipe size and length	3"	
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	Unknown
Double skin	Unknown
Leak detection	Unknown
Is there a surface loading risk?	No
Remarks:	

FLEXIBLE PIPES	
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:	

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

SPILL PROCEDURE AND CLEAN UP KITS/MATERIALS		
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:		

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

ENVIRONMENTAL ISSUES

Is Tank:-		
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

General condition of:							
Tank	Adequate	Pipes	Adequate	Gauges etc.	Adequate	Bund	Adequate
Does the tank comply with the DEFRA Oil Storage regulations 2001?						Yes	
Remarks:							