

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	Western Park generator 2 bulk tank (6)		Form tank number	6	
Tank Purpose	Generator		Photo		
Remarks					
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		Length/Width/Height (mm)			
Long	1000	Wide	700	High	800
Diameter				Length/Height	
Capacity	560.00			Age	>15
Material of construction	Painted Steel				
Shape	Rectangular				
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	1 1/2"		
How does the vent terminate?	Inverted 'U' bend		
In the event of overfilling the tank, will spillage be directed into bund?	No		
Is vent located remote from the tank?	No		
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	
---------------------	-----	--

Size of Bund			
Long (mm)	1100		
Wide (mm)	800		
High (mm)	800		
Capacity (L)	704.00		
Capacity compliant (e.g. 110%)?	Yes		
Is bund open to weather (e.g. no roof)?	Yes	Bund Visual Condition	Good
Remarks			
Construction of bund	Steel		

Internal finish of bund			
Rendered?	No	Painted?	No
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?	Yes
		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?	No	Long (mm)		Wide (mm)		High (mm)	
Removal of water from bund		Ad hoc manual system					
Clearances							
Between tank and bund wall		Less than 750mm					
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	Offset Fill	
Offset Fill Type	Outside bund	
Remote Fill Type		

GENERAL	
Fill pipe size (nominal bore and approximate length)	3/4"

Is vent visible from fill point?	Yes
Is a Fill Point Cabinet Fitted?	No
Is the Fill pipe or Fill point cabinet lockable?	No
Is a drip tray provided?	No
Is an isolating valve fitted?	Yes
Is a fill cap with retainer provided?	No
Is a Non Return valve fitted?	No
Is an overfill prevention valve fitted?	No
Is the fill pipe serving more than one tank?	Yes

If so, is a common balance pipe provided between tanks	Yes
If so, is there a risk of different filling rates causing an overfill of any tank?	No
Balance pipe size	2"

Are the following indicated on or near the fill pipe?	
Tank number	Yes
Fuel grade	No
Usable capacity	No
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	Yes
Joints accessible	Yes

Condition	Good
-----------	------

TANK EQUIPMENT

Contents Gauge - Type	Dial type		
Is gauge known to be inaccurate, faulty, damaged?			
Date of last calibration if known			
ALARMS			
Is an alarm fitted?	Yes		
State Type	Multi-level		
Alarm make	Cts	Is test facility provided?	Yes
Alarm Power	Mains	Is mute facility provided?	Yes
Is the alarm apparently functioning?	Yes		
Remarks:			

DRAW OFF/FEED PIPES

FIXED PIPES			
Draw-off pipe size and length	1/2"		
Material	Mild steel		
Draw off pipes run	Above ground		

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

Is there a surface loading risk?	
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?	Yes	
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?	No	
located within 10m of a spring?	Unknown	
located within 50m of a borehole?	Unknown	
Remarks:		

FIRE

Is tank/apparatus fitted with a fire valve?	Yes	
Is tank more than 3500 litres?	No	
Is tank less than 6m from a building?	Yes	
	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)?	Yes
	Any building within 6 metres part of the tank must have 120 mins of standard fire resistance	OK
	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.)	OK
Remarks: The tank is in a purpose built generator building		

SUMMARY OF TANK CONDITION

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