

REQUEST FOR ACOUSTIC EMISSION TESTING SERVICES

STORAGE TANK

It is mandatory that the below mentioned fields to be completed prior to your company obtaining a quotation for the requested service:

Please complete and send it back to: ns@se59.net

Client:	
Contact name:	
Location:	
Telephone no:	
Cell no:	
Fax no:	
E-mail:	

Tank no:	Tank size		
Year built:	Diameter (m):	Height (m):	
Nominal contents:			
Years with this product:			
Base / Bottom	Double	Welded	Riveted
Roof type:	Fixed	Floating	Dome
Insulation:	Yes / No	Type:	
Internal lining / coating:	Yes		No
Is there presence of water:	Yes / No	Level (m):	
Density of product:			
Viscosity of product:			
Gas blanket:	Yes		No
Purpose of AET:			
Leak detection	Yes		No
Predictive maintenance	Yes		No
Is leak apparent:	Yes		No
Is leak suspected:	Yes		No
Cathodic protection type:	Electrical	Sacrificial	Inside/outside
Columns:	Number:	Location:	
Steam tracing:			
Internal sump:			
Floor type:	Cone up	Cone down	Flat
Temperature:	Operating (°c):		Test (°c):
Sludge / silt level:	Yes / No		Level (m):



Internal pipework:	Yes	No
Mixers:	Yes	No
Heaters:	Yes	No
Highest level filled in the last 12 months (m):		
Last inspected:		
Results of last inspected:		
Repair dates:		
Other:		
Notes and background:		
Tank drawing supplied:	Yes	No
Is there a suitable position to place the mobile trailer:	Yes	No
Stable power supply within 20 metres of the mobile trailer position:	Yes	No
Please state the allocated time in which to complete the testing:		

General – Onsite Requirements

- Location for the test instrumentation within 20m of the tank to be tested (In a suitable airconditioned environment in which to operate a computer based data acquisition system).
- Power to the test instrumentation is required (generator/mains or lighting) 110V-220V 2500VA.
- Liftpod shall be employed to mount upper row sensors.
- Holes in insulation where required (to be advised by test engineer).
- Tank isolated at greater than 50% level (less if leak detection is not required, 2.5m minimum) 24 hours in advance of test (Tank must be allowed to settle, so no product movement, (particularly into the tank) and all the agitators, heaters, recirculators etc. must be off.)
- It is very important that there are no internal noise sources as tank floor tests are run at a very high sensitivity.
- Tank temperature shall be a maximum of 50 degree celcius.