

DIESEL STORAGE - BUND AREA

RA NO

DATE

H.T.I Score	7	Medium-Regular Monitoring/ Supervision
Contract		
Persons involved in RA	Name	Signatures
Foreman		
Second Foreman		
Safety Officer		
Representative		

Documentation Required	Training Required	PPE and Safety Equipment Required
OHS Act and Construction Regulations	General induction – all employees	Long Trousers
Appointment 6(1)	Toolbox talks	Safety Footwear
EIA – Storage of fuel	Fire Fighting Training (Basic) selected employees	Gloves
Client's environmental report	Operating	Fire extinguishers (2 x 9kg DPC)
Material safety data sheet (MSDS)		No smoking and No naked flame signs
Emergency contact numbers		
Environmental management plan		
Appt Fire Equipment Supt		
Fire Equipment Register		

	Activity Steps	Hazards and Risks	Preventative Measures	Rating
1	Erection of storage area for fuel, casting of concrete slab	Erection of slab in incorrect position.	Task to be supervised by a competent supervisor.	5
		Employees being injured while casting the slab.	Task to be performed by competent employees. Employees to make use of concrete PPE.	5
		Employees being struck by concrete truck.	Concrete truck to be operated by a competent operator / driver.	8
		Concrete being dumped in the bush.	Concrete to be contained in area where it is required.	5
2	Erecting of bund wall	Bund wall not build according to specification.	Task to be supervised by a competent supervisor.	8
		Employees being injured while laying bricks for the bund wall.	Task to be performed by competent employees. Employees to make use of concrete PPE.	5

		Poor housekeeping.	Waste cement to be controlled.	5
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		Leaking of tank.	Bund wall to be able to contain 100% of tank volume plus 10%.	8
3	Access to office yard for off loading of storage tank	Delivery truck colliding with other plant.	Delivery truck to be operated/driven by a competent person. Operator/driver to keep to designated route for delivery.	5
		Slings used for off loading breaking.	Task to be supervised by a competent supervisor, slings to be inspected by a competent person.	8
		Wrong slings used for task.	Slinging to be done by a competent and trained rigger.	8
		Employees struck by tank.	Other employees to stand clear of the tank.	8
		Crane falling over during lifting process.	Task to be supervised by a competent supervisor and crane to be operated by a competent and certified operator.	8
		Crane operator-placing tank in incorrect position.	Crane operator to be guided by a competent and trained rigger.	5
		Fuel tank moving after placement.	Fuel tank to be secured with anchor bolts.	8
4	Access to storage tank for refuelling.	Delivery tanker driving into storage tank or other plant.	Delivery tanker to be driven by a competent driver. Driver to keep to the designated route for delivery.	8
		Tanker unable to get close to the storage tank for delivery of fuel.	Housekeeping around tank to be kept in good order, ensure safe access.	5
		Offloading fuel in wrong area.	Driver of tanker to report to the site office.	5
		Fuel lost during refuelling.	Refuelling to be done by a competent person.	5
		Fire starting during refuelling.	No naked flames or smoking allowed near the storage tank, all sources of ignition to be removed from storage area and ensure that there are a sufficient number of fire extinguishers at hand.	8

		Large spillage of fuel during refuelling.	Refuelling to be done by a competent person, follow procedure for spills as set out in the MSDS. Ensure that all the hoses and fittings are leak free and secure.	8
5	Refuelling of plant	Plant driving into bund wall.	Plant to be operated by a competent and trained operator.	5
		Minor spillage during refuelling.	Refuelling to be done by a competent and trained person.	5
		Fire starting during refuelling.	No naked flames or smoking allowed near the storage area remove all sources of ignition from the storage area and ensure that there are a sufficient number of fire extinguishers available.	8
		Large spillage of fuel.	Ensure that the bund wall can contain the spill and ensure that all hoses and fittings are leak free and secure. Follow procedure for spill as set out in the MSDS.	8
7	General storage of fuel.	Theft of fuel during the night.	Ensure that a security guard is on duty. Ensure that there is sufficient lighting during the night.	5
		Theft of fuel by employees.	Ensure that a record is kept of fuel received and fuel issued; the issuing of fuel is to be done by a competent person.	5
		Fire at storage area.	A selected number of employees should be trained in basic fire fighting; the fire is to be contained until the fire department arrives. If the fire is too large the offices and yard are to be evacuated.	8

		Spillage due to leak in tank.	Follow procedure for spill as set out in the MSDS.	5
8	Dismantling of fuel storage area.	Slings used for loading the tank on to the truck breaking.	Task to be supervised by a competent supervisor, slings to be inspected by a competent person.	5
		Wrong slings for task.	Slinging to be done by a competent and trained rigger.	8
		Employees struck by tank.	Other employees to stand clear of the tank.	8
		Crane falling over.	Task to be supervised by a competent supervisor and crane to be operated by a competent and certified operator.	8
		Crane operator-placing tank in incorrect position.	Crane operator to be guided by a competent and trained rigger.	5