



Method Statement for Diesel Storage and Refuelling on the Mobile Plants.

Purpose

This method statement outlines the safe procedures for storing diesel fuel and refuelling plant and machinery on-site to prevent spills, fire hazards, and environmental contamination.

2. Scope

Applicable to all diesel storage and refuelling activities on the construction site, including mobile and fixed plant equipment.

3. Responsibilities

- Site Manager (Corne Swanepoel): Ensures compliance with regulations and safe fuel storage/refuelling practices.
- HSE Officer (Aphiwe Mteyise) Monitors environmental and safety compliance, conducts inspections.
- Plant Operators: Refuel equipment following safety guidelines and report any spills or leaks.
- Fuel Supplier: Delivers diesel safely following site protocols.

4. Equipment and Materials

- Bunded fuel storage tank (110% capacity of stored fuel)
- Spill kits (absorbent pads, granules, containment booms)
- Fire extinguishers (foam or dry powder)
- Drip trays for mobile refuelling
- Safety signs and barriers
- Personal Protective Equipment (PPE): gloves, safety glasses, high-visibility vest, fire-resistant clothing

5. Procedure

5.1 Diesel Storage

- Store diesel in a bunded tank that meets legal requirements (100% capacity).
- The tank must be positioned away from watercourses, drainage.



- Label the storage area with Diesel Storage – No Smoking, Flames Signs
- Inspect tanks daily for leaks, corrosion, or damage.
- Ensure the tank has spill containment measures in place.

5.2 **Refuelling Procedure**

1. **Preparation:**

- Ensure the machine is turned off before refuelling.
- Position the equipment on level ground away from drainage points.
- Use drip trays under the refuelling area.

2. **Refuelling Process:**

- Only authorized personnel should refuel equipment.
- Wear appropriate PPE.
- Use manual or automatic shut-off nozzles to prevent overfilling.
- Maintain a safe distance from ignition sources.
- Avoid spillage—if any occurs, clean immediately using spill kits.

3. **Post-Refuelling Checks:**

- Secure the fuel cap and inspect for leaks.
- Store hoses and nozzles properly.
- Record the refuelling details in the fuel logbook.

5.3 **Emergency Procedures**

In case of a spill:

- Stop the source immediately.
- Use absorbent materials to contain and clean up.
- Dispose of contaminated materials according to environmental.
- Report the spill to the Site Manager and HSE Officer.

In case of fire:



- Raise the alarm and evacuate personnel.
- Use appropriate fire extinguishers (foam or dry powder).
- Contact emergency services if required.

6. Environmental and Safety Considerations

- Ensure bunding and spill prevention measures are in place.
- Conduct regular inspections of storage tanks and equipment.
- Train workers on safe handling and emergency response.
- Dispose of fuel-contaminated materials responsibly.

7. Records and Documentation

- Fuel inventory and usage log
- Equipment inspection reports
- Spill incident reports
- Safety training records

8. Compliance and References

- Health and Safety at Work Act
- Control of Pollution (Oil Storage) Regulations
- Environmental Protection Act

Ensures safe diesel storage and refuelling operations, minimizing risks to personnel, equipment, and the environment.

Approved By: Construction Manager: Swanepoel Corne

Signature: