

southfuels



Guidelines for Stationary and Portable Fuel Storage



Under the Environmental Protection Authority (EPA), Hazardous Substances & New Organisms (HSNO) Act it is required that stationary tanks are correctly labelled and the hazard identified. In addition, the NZ Transport Agency, has recently changed the laws around the transportation of diesel and other hazardous substances. Along with the Commercial Vehicle Investigation Unit (CVIU) and Department of Labour (DOL) they are now starting to enforce these new and existing rulings.

These laws affect all stationary tanks (over 1000L diesel and/ or 250L petrol), and portable fuel storage including ute and trailer tanks (over 5L). Check below to see if your stationary tank and portable fuel storage is fully compliant with these new regulations.

Portable Container (under 450L)

All portable containers are required to be identified with a class label, UN number, shipping name and environmentally hazardous substance signs on both sides of the container.

Portable Tank (over 450L)

Each portable tank requires;

- 4 x Class 9 signs (Miscellaneous dangerous goods)
- 3 x UN number & shipping name (HAZCHEM)
- 3 x Hazardous substance signs (HSNO Eco toxic)

All three signs must be on both sides and the rear of the tank, along with an additional Class 9 sign on the front.

* For the transportation of petrol you require Class 3 signage (hazardous substance signs are not required).

Stationary Tank

All diesel tanks over 1000L and petrol tanks over 250L are required to have signage to identify the contained product and the hazards.



Road Transport Emergency Card

Everyone who transports dangerous goods for hire or reward or as a tool of trade for agricultural use, or for any commercial purpose must carry an emergency response information card. These can be obtained by contacting your local territory manager.

Emergency Response Plan

If you have fuel stored on-site then it is best practice to have an Emergency Response Plan. Contact your territory manager today for an EPA approved plan template.

Fire Extinguishers

It is the responsibility of the person in charge of the farm to ensure that fire extinguishers are present and that they are annually checked. You will need **two** fire extinguishers if you have more than 500 litres of diesel and/or more than 200 litres of petrol. The HSNO act requires you to use at least 2kg dry powder or 9kg foam fire extinguishers. We recommend the dry powder models as they are multi-purpose.

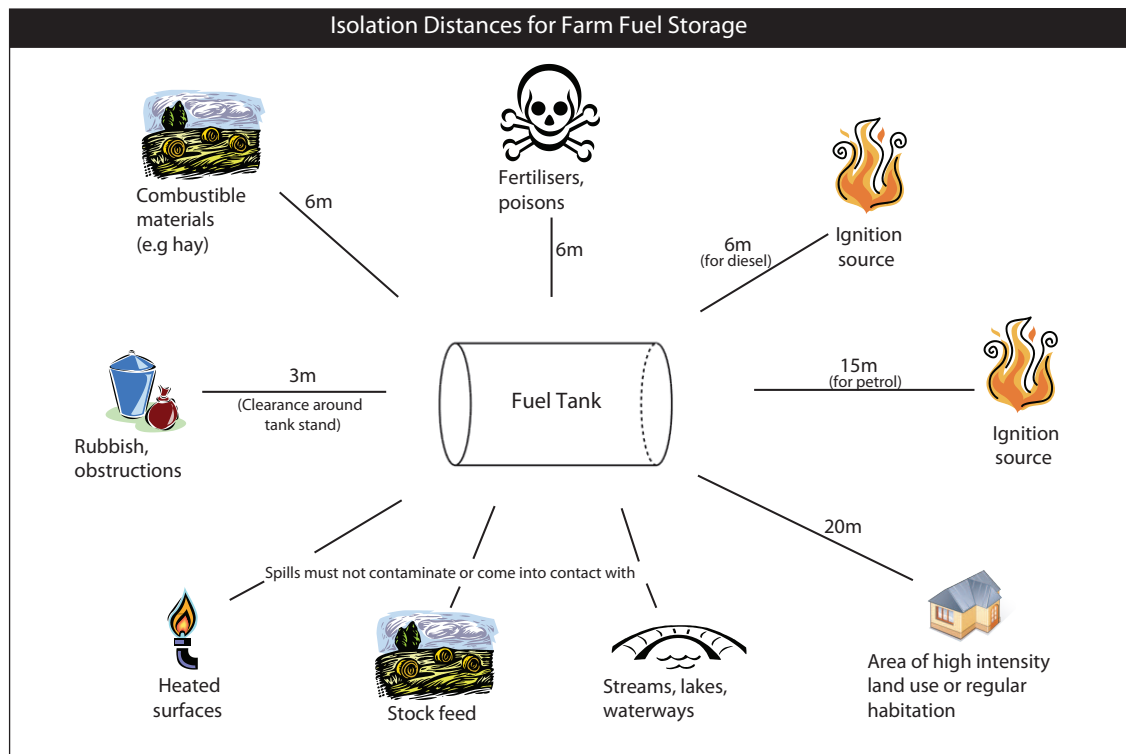
Spill Kits

Basic spill kits may assist containment and clean up of spills from a fuel tank and should be an essential for any fuel storage area.

Southfuels has teamed up with NZ Safety and you are able to purchase HSNO stickers, Spill Kits and Fire Extinguishers direct from any one of their nationwide branches today. Mention you are a Southfuels customer to take advantage of the great specials on offer.

Tank Placement

Petrol and diesel give off vapour which is heavier than air and that can travel far from their source. Therefore the isolation distance is extremely important for tanks, especially when they are being filled or fuel is being drawn off, see diagram below.



HSNO Requirements for Fuel Storage on Farms

The Hazardous Substances Regulations have certain requirements for both the person in charge and the supplier. The amount of fuel which 'triggers' the specific HSNO controls is set out in the tables below.

Amount of Diesel stored on a Farm of > 4ha (litres)	HSNO Requirements for Diesel						
	Fuel Supplier must supply documentation	Farmer needs to have documentation (person in charge)	No. Fire extinguishers	Signage required	Emergency response plan	Secondary Containment (bundling required)	Tank Test Certificate
50	Yes	Yes					
100	Yes	Yes					
200	Yes	Yes					
250	Yes	Yes					
500	Yes	Yes	2				
1000	Yes	Yes	2	Yes	Yes		
2000*	Yes	Yes	2	Yes	Yes	Yes	
5000 +	Yes	Yes	2	Yes	Yes	Yes	Yes

* For above ground diesel tanks installed prior to 1 April 2004, this figure is 2500 litres

Amount of Petrol stored on a farm of > 4ha (litres)	HSNO Requirements for Petrol								
	Fuel supplier must supply documentation	Farmer needs to have documentation (person in charge)	No. Fire extinguishers	Signage required	Emergency response plan	Training / Approved Handler requirements	Secondary Containment (bundling required)	Location Test Certificate	Stationary Container System Test Certificate
50	Yes	Yes	1						
100	Yes	Yes	1						
200	Yes	Yes	2						
250	Yes	Yes	2	Yes					
1000	Yes	Yes	2	Yes	Yes				
2000	Yes	Yes	2	Yes	Yes	Yes	Yes	Yes	
2500 +	Yes	Yes	2	Yes	Yes	Yes	Yes	Yes	Yes

Disclaimers:

* This document only indicates some of the important guidelines required for fuel storage, the information for this document was obtained from both the EPA and NZ Transport Agency. The complete and full copies of the documents that relate to both pieces of legislation are available online. For the guide to above ground fuel storage on farms visit www.epa.govt.nz and for the document that relates to the transportation of diesel visit www.nzta.govt.nz

** The tank pictured on the front cover does not require secondary containment (bundling), as it is under 2000L.