



Listed Aboveground Diesel Tank for Diesel Engine



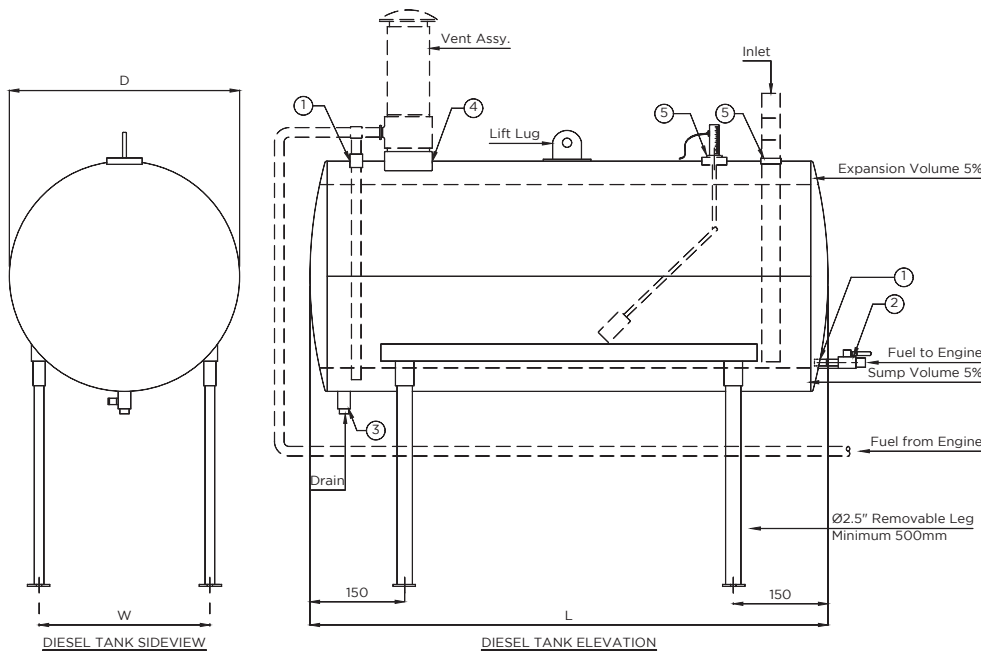
FEATURES

- Meets NFPA 30 requirements.
- Sized as specified by NFPA 20 for fire pump applications.
- Designed and Fabricated in accordance with UL 142 (Steel Aboveground Tanks for Flammable and Combustible Liquids) standard .
- Tested for tightness against leakage.
- Top quality fittings and fabrication materials.
- Sturdy lifting lug and legs.
- Vent opening to prevent build-up of pressure or vacuum inside the tank during filling, emptying or due to atmospheric temperature changes.
- Approved welding process.



Fuel Tanks

NAFFCO certified primary containment tank offers you a reliable solution for your fuel storage requirements related to fire pump diesel engine applications. Design and fabrication of these tanks are done as per UL standard (UL 142), and installation and use shall be in accordance with NFPA 30. Each tank is subjected to thorough structural inspections and leakage test as specified by the design standard. The tanks that successfully pass the inspection and test are labelled as per UL specifications confirming their UL certification. These cylindrical, horizontally mounted, tanks are provided with necessary fittings and openings to facilitate quality service at field. All tanks are provided with openings for filling, connecting to diesel engine fuel system, fuel return line connection and drain. Lifting lug, provided on the top center of the tank, facilitates easy transportation and installation. These tanks are also provided with opening for connecting to a direct reading fuel level gauge that is supplied as part of standard fire pump package.



NOTES

1. Fuel tank outlet must be even with engine fuel pump centerline.
2. Fuel tank should be located as close to engine as possible.
3. Fuel tank should have a slope of 6 mm per foot towards drain plug.
4. Fuel tanks should be located above ground.
5. The usable volume of the fuel tank is 90% of the total fuel tank volume.
6. Vent pipe and fuel lines should be of black steel pipe.
7. All pipe lines should be inspected thoroughly to ensure that joints are leak free.
8. Fuel tank should be cleaned periodically and fuel level should be checked weekly for fire pump applications.

Applicable welding processes are Gas Metal Arc Welding (GMAW) and/or Shielded Metal Arc Welding (SMAW). Shell, Dish Head and Lift Lug material is carbon steel, ASTM A36 and legs shall be of carbon steel pipe, ASTM A53. Standard height for the tank leg is minimum 500 mm.

TANK DIMENSIONS

CAPACITY (GALLONS)	DIA (D)	LENGTH (L)	WIDTH (W)
70	600	1050	430
150	800	1250	575
250	1000	1325	720
310	1070	1450	768.5

All Dimensions are in mm unless otherwise indicated.

FITTINGS

ITEM	DESCRIPTION	MATERIAL	QTY
1	1/2" NIPPLE	CARBON STEEL	2
2	1/2" NPT BALL VALVE	BRASS	1
3	1" NPT PLUG	CARBON STEEL	1
4	4" NIPPLE	CARBON STEEL	1
5	2" NIPPLE	CARBON STEEL	2