

Addendum to Rule IV - Other Types of Retail Outlet (RO) and their Requirements (DC 2017-11-0011)

Requirements		Types of Retail Outlet		
		Marine	Technology-Solution	Temporary Emergency
Design				
1.	Above Ground Storage Tank			
	1.1 Capacity	Not regulated		Not regulated
	1.1.1 Gasoline		2000 li/product (Maximum)	
	1.1.2 Diesel			
	1.2 Materials	Petroleum compatible except plastic type material (e.g. HDPE)		
	1.3 Corrosion protection	appropriately protected with no visible mark of corrosion		
2.	Dispensing pump and dispensing hose			
	2.1 Display	Price, Volume (li)	Price, Volume (li)	Price, Volume (li)
	2.2 Hose (petroleum compatible) with safety break-away coupling	Subject to the limitation of the Fire Code (BFP)	5.5 m (Max)	5.5 m (Max)
	2.3 Automatic Shut-off nozzle	Yes		

Requirements		Types of Retail Outlet		
		Marine Service Station	Technology-Solution	Temporary Emergency
Operational				
3.	Location	Wharf operation or near coastal/shoreline	Zoning clearance A distance of one (1) kilometer radius from other existing Retail Outlet along the road network	should be endorsed by the local government unit (LGU) or LDRRMC
4.	Structure minimum separation distances (e.g. to nearest point of ignition, open flame)	BFP Requirement (Section 10.3.4.1-Flammable and Combustible Liquids – Marine Service Station) Dispensing Unit-6 meters (fixed source of ignition) Open Flames – 15 meters	DC 2017-11-0011 Rule III- Standards & Requirements : Dispensing Unit-6 meters (fixed source of ignition) Open Flames – 15 meters	Dispensing Unit-6 meters (fixed source of ignition) Open Flames – 15 meters
5.	Spill Protection	1. Double walled 2. Single walled -Self bunded or constructed concrete bunded area (single wall) -120% bunded capacity	With spill protection (Single or Double walled – bundedwall should be installed -NFPA 30 A) Discharges must comply with General Effluent Standard as provided in DENR/EMB Requirements DAO 2016-08	With spill protection (preferably Double walled – bunded wall should be installed -NFPA 30 A) Spill tray

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6.	Drainage and waste disposal	Oil/water interceptor or separator (Fiber glass or HDPE)- pursuant to DENR/EMB Requirements DAO 2016-08	Oil/water interceptor or separator (Fiber glass or HDPE) Discharges must comply with General Effluent Standard as provided in DENR/EMB Requirements DAO 2016-08	With spill protection (preferably Double walled - bunded wall should be installed -NFPA 30 A) Spill tray
7.	Fire safety	BFP requirements	Fire Code Section 10.3.4.2.1 Flammable and combustible liquids	should be endorsed by the local government unit (LGU) or LDRRMC
8.	Electrical safety	Pursuant to Phil. Electrical Code	Pursuant to Phil. Electrical Code Separate Electric Meter	should be endorsed by the local government unit (LGU) or LDRRMC
9.	Personal Protective Equipment (PPE)	High visibility vest or reflectorized uniform with proper ID for the pump attendant and other PPE's specified in the Code of Safety Practice in LPP Retail Outlet		

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Operational				
10	Pipings	<p>Connections between dispensing area to the tank storage area – properly protected against external impact e.g. buried underground, protected from traffic</p> <p>With adequate corrosion protection</p>	<p>Connections between dispensing area to the tank storage area – properly protected against external impact e.g. as a minimum, it should be protected against traffic</p>	<p>Connections between dispensing area to the tank storage area – properly protected against external impact e.g. as a minimum, it should be protected against traffic</p>
11.	Trainings	Basic orientation on receiving and dispensing operation, and emergency response		
12.	Type of vehicle or costumer to be served	Exclusively for marine vessels e.g. bancas and motor boats	Any type of vehicle and appropriate containers being served by bote-bote.	should be endorsed by the local government unit (LGU) or LDRRMC