

122 MARINE FUEL DISPENSING (Covers all ships and small boats. When located on pier, it is not to be coded as part of pier.)

122 10 MARINE FUELING FACILITY (GM)

A marine fueling facility is designed for small vessels and capital ships and should be able to refuel the largest ship that can dock at the station waterfront. The facility may have the outlets located on a combined cargo and fueling pier or on a separate fueling pier, depending on station mission, logistics, and base location.

In addition to the pier outlets, the facility has a piping approach trestle, a pumping station, security fencing, hose racks, access roads, fire protection and ready marine fuel storage tanks. Surge storage tanks, if required, are categorized under code 124-70 and bulk marine fuel storage tanks are categorized under code 411-10, Ship Fuel Storage. Fuel piers or wharves will vary greatly according to the services required. Some may be of the simple type, having one ship berth and a minimum-size dock platform, to the more elaborate pier head or finger-type having two or three ship berths, all provided with fuel bunkering connection.

There should be 1,800 feet between tankage and the nearest station structure or boundary fence. Consideration must be given to safe distances from other buildings and facilities.

For design criteria, see NAVFAC DM-22

122 20 SMALL CRAFT FUELING STATION (GM)

A small craft fueling station is used to refuel such small craft as crash boats and administrative boats. It shall include dispensing pedestal-type commercial pumps, piping, tanks, hoses, floodlights and grounding devices, electrical power, and fire protection.

There will be at least one separate pump for each grade of fuel used and each shall have a minimum backup storage of 5,000 gallons. The station will normally dispense a minimum of two grades of gasoline and diesel fuel and shall have sufficient capacity to service three boats simultaneously. This may be modified to conform to the type and number of small craft serviced.

The small craft fueling station, except for the storage tanks, is a part of the Small Craft Berthing facility. The fuel storage tanks may be located in a remote area. The spacing of these tanks will be in accordance with criteria set forth in Code 124.

For design criteria, see NAVFAC DM-25 and NAVFAC P-272.