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The fuel dispensing system is designed and manufactured according to the demand for a compact diesel fuel dispenser. It is easy to install and ensures fast and precise dispensing. It is to be used only by authorized personnel. Diesel fuel dispensers are available with multi user options. The flow rate is up to 18.5 gallons per minute. The data management is up to 50-120 users. A fuel dispensing system is a machine used in the filling station for dispensing petrol, diesel, gas etc. Fuel dispensers are known as petrol pumps or gasoline pumps.

Fuel Dispensing System for Proper Dispensing

A modern Fuel Dispensing System is logically divided into two main parts â€" an electronic head containing an embedded computer chip to control the action of the pump, drive the pump's displays, and communicate to the sales system. The mechanical section is a self contained unit which has an electric motor, pumping unit, pulse meter and valves to pump and control the fuel flow. An additional pump can be used and immersed in the fuel tank and is known as a submersible pump. Suction pumps may have problems overcoming cavitations with warm fuels or when the distance from tank to pump is longer than a suction pump can manage.

Camlock Coupling to Ensure Safety

There is wide range of Cam Lock Couplings, also known as Camlock Couplings or Camlock Fittings. Camlock Couplings should be connected under low pressure. The product is to be matched with proper alloy depending upon the fluid being transfered. The pressure should to be tested for hose assembly prior to application, and has to ensure tight and leak free assembly of hose, coupling & clamp. Handle lock facilities are to be used for locking. Fluidized dry products are more abrasive than liquids, hence couplings should be frequently checked for excessive wear and replaced when necessary.

The camlock couplings are made up of Aluminum, Brass, Stainless Steel and Polypropylene. The sizes range from Â½â€• to 6â€•. They are available with a wide variety of gasket material.

Aluminum Camlock Couplings are made in permanent mold cast in which the process yields castings with a finer grain structure. It has better strength properties than those produced in sand casting and die casting. Aluminum camlock couplings are of excellent quality and competitively priced. Brass Camlock Couplings are forged for 1/2â€• to 3â€• and sand cast for all other sizes.

Stainless Steel Cam lock Couplings are investment cast, and the process is known as precision casting or lost wax process. Polypropylene Cam lock Couplings are manufactured from acid resistant. This has 20% glass reinforced Polypropylene. The maximum temperature for Polypropylene camlock couplings is 160 degrees Fahrenheit. This will ensure the safety of the dispensing system.

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The site offers different types of a Camlock Couplings to make your fittings proper. now you can avail good qaulity a Cam Lock Couplings easily.

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