

1.2. Fire Pumps

1.2.11. Total Suction Head

Suction head exists where the total suction head is above atmospheric pressure. Total suction head, as determined on test, is the reading of a gauge at the suction of the pump, converted to meters (feet) of liquid, and referred to datum, plus the velocity head at the point of gauge attachment.

1.2.12. Centrifugal Pump

A pump in which the pressure is developed principally by the action of centrifugal force.

1.2.13. End Suction Pump

A single suction pump having its suction nozzle on the opposite side of the casing from the stuffing box and having the face of the suction nozzle perpendicular to the longitudinal axis of the shaft.

1.2.14. Automatic Transfer Switch

Self-acting equipment for transferring one or more load conductor connections from one power source to another.

1.2.15. Diesel Engine

An internal combustion engine in which the fuel is ignited entirely by the heat resulting from the compression of the air supplied for combustion. The oil-diesel engine, which operates on fuel oil injected after compression is practically completed, is the type usually used as a fire pump driver.