Pressure Regulating Stations

Pressure Regulating Station For CO2 Tank:-

All High pressure Gas Storage Systems like CO2, LPG , N2O etc. applications require the use of a Pressure reducing station to supply constant pressure to applications. Because pressure in Storage tanks can fluctuate significantly, regulators must be present to deliver a steady pressure to downstream appliances. These regulators normally compensate for tank pressures between 1.8 – 12 bar for industrial applications. Propane regulators differ in size and shape, delivery pressure and adjust-ability but are uniform in their purpose to deliver a constant outlet pressure for downstream requirements. As is the case in all regulators, outlet pressure is lower than inlet pressure.

Parameters Required :

1. Inlet Pressure In Bar (G)
2. Outlet Pressure In Bar (G)
3. Temperature in Deg C
4. Existing Pipesize in mm

Applications :

1. Liquid Carbon dioxide Storage systems
2. LPG storage Systems
3. N2 storage systems
4. Ammonia Storage systems etc.

Features : -

- Designed as per best steam engineering practices
- Assured accurate consistent downstream reduced pressure
- Irrespective of fluctuations at inlet
- Safety valve sized for full discharge capacity of the PRS
- Specially designed flow divider to ensure low noise levels
- Rugged in design
  - Can be used in hazardous area without any certification
  - Operates even on low flow conditions
  - Fast response to pressure changes
  - Ready to install i.e. reduces installation time and field engineering
  - Maintenance free and user friendly

Contact For Dryers

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