

Unique Services Offered by Magnus in Qatar!

Specialised Services in Diaphragm Seal Systems and Instrumentation

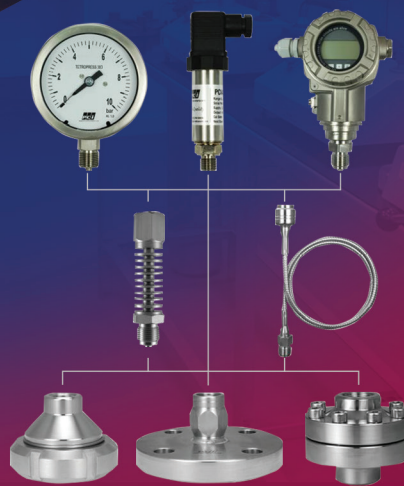
We offer, first and unique facilities in its kind in the region, comprehensive Repair / Replacement of Diaphragm Seals and Calibration Service for most types of pressure instruments (Transmitters, Gauges, Switches etc.). We can fit diaphragm seals to instruments of brands such as Honeywell, Foxboro, Yokogawa, Rosemount, Endress-Hauser, Siemens, ABB, VEGA etc.



After



Before



After



Before



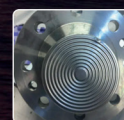
Bulged



Blown up



Corroded



Dented



Broken



Diaphragm Seal and Instrument Assembly

A diaphragm seal's main purpose is to protect the pressure instrument from the process medium. Diaphragm seals are normally connected directly to the instrument but connection may be made by a capillary. The air space behind the diaphragm membrane and inside the instrument is filled with a fill fluid which acts as a hydraulic medium. When pressure is applied to the diaphragm membrane it is hydraulically transmitted to the instrument's sensing element by the displaced fill fluid. This allows the instrument to measure the process pressure without making direct contact with the process.

Diaphragm Seal Repair and Calibration

Magnus provides a comprehensive Repair / Replacement of diaphragm seals and Calibration Service for most types of pressure instruments (Transmitters, Gauges, Switches etc.) of any make. A repair on diaphragm seals can be a quick and cost-effective option. Most repairs or replacements of diaphragm seals can be completed and returned to the customer within seven days, while priority repairs can be carried out within 24 hours. This can save on the long delivery times and high cost associated with buying a new replacement.

Magnus offer a priority 24-hour repair or replacement service on pressure transmitters, Switches, and gauges with diaphragm seal systems.

