

TECHNICAL SPECIFICATION

TITLE:

ASSEMBLY AND COMMISSIONING INSTRUCTIONS
FOR LEVEL GAUGE WITH SAFETY VALVE ASSEMBLY

SP : 16 Bars TP : 24 Bars

SP : 25 Bars TP : 37.5 Bars

Quality Assurance

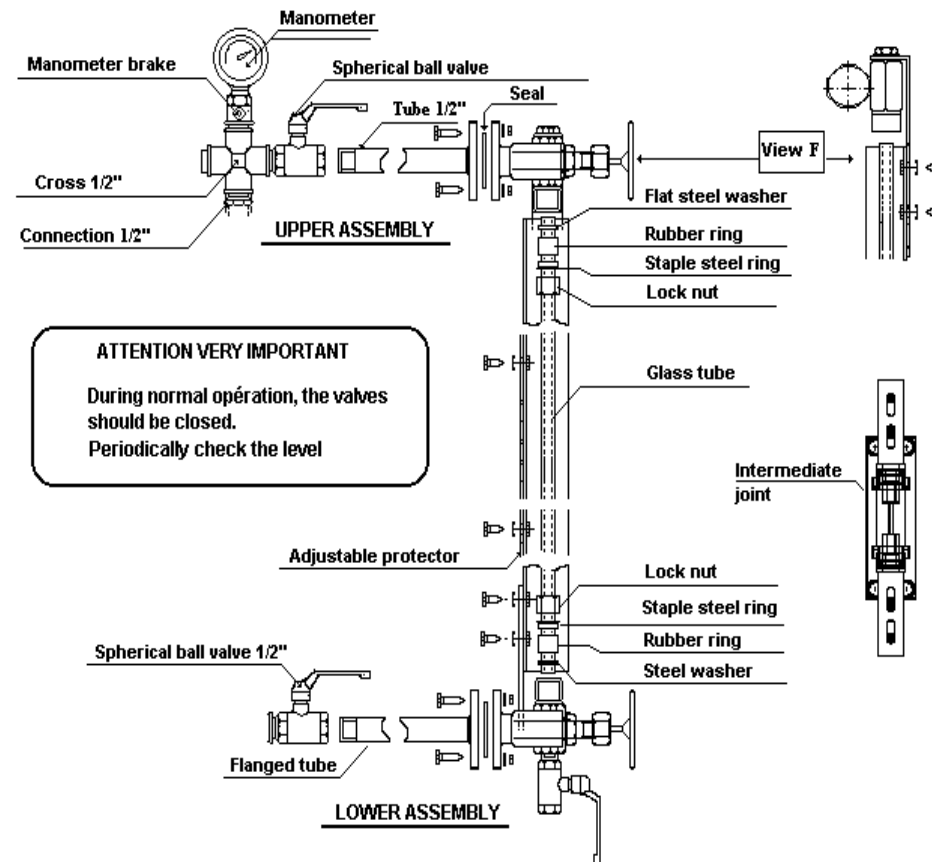
IDENTIFICATION

SPT 0157-05-GB

Sheet: 1/1

VERY IMPORTANT : ALL THE SEALS SHOULD BE CARRIED OUT USING LIQUID TEFLON OR LOCTITE

- 1 - Remove the 1/2" plug on the upper part of the vessel
- 2 - Fit the cross equipped with the manometer and its brake.
- 3 - Fit the 1/2" spherical plug valve.
- 4 - Fit the 1/2" upper flanged tube.
- 5 - Fit the 1/2" spherical plug valve to the water outlet.
- 6 - Fit the lower flanged tube.
- 7 - Aline the tubeds using a plumb line for vertical vessels.
- 8 - Fit the lower and upper security ball valve assembly with the flat seal.
- 9 - Mount the lock nuts, staple steel rings, rubber seals and washers on the glass tube.
- 10 - Fit the glass tube into the lower and then upper safety ball valve assemblies.
- 11 - Tighten the nuts fitted with the rubber rings without blocking.
- 12 - Fit the adjustable level protector.
- 13 - Carry out the pre-charge of the vessel (air or nitrogen) leaving a purge open on the pipe.
- 14 - Open the spherical plug valve and the wheel of the upper arm assembly.
- 15 - Check all connections with soapy water.
- 16 - Fill the vessel with water by progressively opening the valve of the pipe, to obtain static pressure in the vessel.
- 17 - Open the lower 1/2" spherical plug valve and the wheel of the safety ball valve assembly to see the water level of the vessel in the glass tube.
- 18 - Re-check all seals at static pressure.
- 19 - Close the spherical plug valve of the upper arm and drain the glass tube via the spherical plug valve on the lower safety ball valve assembly.



(1) To obtain air tightness, tighten lightly without blocking.

Nota : Possibility of intermediate joint for capacities > 2000 L.

IMPORTANT : No Air leak should be detected

IMPERATIVE : In all cases, during normal operation the upper and lower valves of the level gauge must be closed