

## MULTI PURPOSE JUNCTION BOX

Junction boxes are used at designated locations, cables from the pipeline/ structure are terminated in test station to monitor the PSP (pipe to soil), and control the current output. Some of the selected location of junction boxes are as follows

- Along the pipeline and piping route
- Buried vessels.
- Integrity of insulation flanges and joints.
- Road crossing (carrier and casing pipe)
- Foreign pipeline crossing
- Power line crossing
- Anode ground-bed location

Junction boxes are designed to use reliably for Onshore and marine environment in safe and hazardous areas, our junction boxes typically meets NEMA 4X or IP66 rating. The types of enclosure suitable for safe areas includes Mild Steel, Stainless Steel, GRP/FRP. The types of JB's enclosure suitable for Hazardous area include Cast iron, cast Aluminum. We also source and assemble explosion proof JB based on request. The internal circuits include shunt, resistor, bus bar, connecting terminals, the internal components shall be changed as client requirement and approved drawings.

### TYPE OF ENCLOSURE

- Mild Steel
- Painted Steel
- Stainless Steel
- Galvanized Steel
- Cast Iron
- Cast Aluminum
- Non-Metallic (GRP/FRP)

### JUNCTION BOX TYPE (JB)

- Monitoring Standard JB
- Bond Box
- Shunt JB
- Shunt and Resistor JB
- Customized JB

### Dimension (Standard)

- 300 X 200 X 150 mm
- 400 X 300 X 150 mm
- 500 X 400 X 150 mm
- 600 X 400 X 150 mm
- 700 X 600 X 150 mm
- 800 X 600 X 150 mm

