

## HYDROSTATIC TEST

Stainless Steel Tubes Pipes are compulsorily subjected to 100% hydro testing Hydrostatic testing can be carried out at pressure upto 450 kg/cm<sup>2</sup>. The test pressure is achieved using high pressure triple plunger pumps. if specified customers or their deputed inspection agencies can witness 100% testing at our plant.



## VISUAL & DIMENSION INSPECTION

Inspection is carried out to detect any Dents, Surface Defect or Scratch on the surface tube. The Dimensional Inspection is carried out with calibrated measuring instruments for product dimensions are within tolerance requirements.

## AIR UNDER PRESSURE TEST

Pipes are internally pressurized with clean and dry compressed air and being submerged in clear water to check any evidence of air leakage.



## PMI TEST

Oxford Instruments make X-MET 5000 XRF analyser for PMI and Quality Control / Assurance

## TENSILE TEST

This is the destructive test carried out to obtain the mechanical test values of finished products.



## MICROSTRUCTURE ANALYSIS

Flaring test is carried out to check ductility of the material & Flange test is check the material under deformation.

## DYE PENETRANT TEST

Dye Penetrant test is carried out on bend portion to detect cracks, flaws or any type of defects.