

ULTRASONIC TEST SYSTEM FOR TUBE/PIPE

Job Description:

Dia Range : 20-200 mm (Customized range)
Wall Thickness : 2 to 12 mm
Length : 2 -32 m
Material : Carbon Steel, Alloy Steel, Stainless Steel

Test Task Features:

Longitudinal Flaw Defect Detection OD/ID cloclwise & Anticlockwise direction.

Transverse Flaw Defect Detection OD/ID cloclwise & Anticlockwise direction.

Flaw Detection in Angular Direction (Optional)

Wall Thickness measurement

Test Electronic

The Test System uses the Socomate Ultrasonic Test Electronic Model USPC 7100 MHA+



The Seamless Tube test systems is to test the defcets Longitudianally & Transverse oriented defects & Wall thickness measurement based on the International Standard in general E 213 or similar, etc. The Test Mechnism will have Immersion tank having various probes for the defects & wall thickness.

The Tube/Pipe will pass inside the Immersion tank with spirally rotating at a speed of up to 1000 mm/sec. The linear test speed based on the diameter 1 to 4 mtr/min.

The test data will be recorded in the Test Software specilly designed for the application & generate various type of customized report format.

In India we have supplied such Test System to M/s NFC, M/s RMTL, M/s Sandvik Asia Limited, M/s Modern Tube Industries, M/s Jindal Drilling Industries, etc in many quantities who is leader in the tube manufacturing in India.