

ULTRASONIC SPIRAL SAW TEST SYSTEM

Job Description:

Dia Range : 16" to 120"
Wall Thickness : 6 - 30mm
Length : 6 -14 m
Material : Carbon Steel, Alloy Steel
Test Speed : 12 m / min

Test Task Features:

Weld, HAZ & Pipe body inspection
API, Shell, Aramco & other similar specifications
Test mode, I, X, Oblique, Tandem, On-bead,
HAZ

Test Electronic

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



The Spiral-Saw UT test systems is to test the Weld defects based on the International Standard in general API, Shell, Etc. The Test Mechanism will have probe carriage shall be in number 2 to 4 based on the test configuration Mode like nos of I-mode, X-mode, Tandom, HAZ, Onbead, etc. Additional can be provided the edge testing arrangement in the system.

The Pipe will pass under the test boom spirally at a speed of 6 to 12 mtr/min with weld tracking system of reputed make to follow the probe carriage based on the weld position.

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 JSL, M/s PSL, M/s Welspun, M/s MAN Industries, M/s RMTL, West Coast Pipe, Surindra Engg, Mukat Pipes, etc in many quantities. We exported the Spiral Weld UT Test System to M/s PSL USA.