

ULTRASONIC COIL/PLATE TEST SYSTEM

Job Description:

Continuous HR Coil / Cut Length Plate
Thickness : 6 to 24 mm
Width : 600 - 5000 m
Length : Continuous Length/Cut to Length
Material : Steel
Test Speed : 12 to 30 mtr / minute

Test Task Features:

Lamination defect detection

- Upto 100% coverage with overlap, Grid line scanning
- Detection level 3 mm FBH, 6mm FBH or various size of slots
- Wall Thickness Monitoring

Test Electronic

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



The Coil/Plate test systems is to test the lamination defects parallel to the surface based on the International Standard ASTM-SA 435, API & similar specification. The Test Mechanism will have probe boom having probe arrangement to scan grid scanning (selectable), 100% scanning or 100 % with specified overlap say 10%.

The test arrangement will have specific arrangement for Edge Testing. Additionally wall thickness monitoring will be provided.

The test data will be recorded in the Test Software specially 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, etc in many quantities. We exported the Coil UT Test System to M/s PSL USA. We supplied the Plate UT System of up to 176 channel to M/s JSL India.