



METALS INTERNATIONAL LIMITED

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INSPECTION REPORT

Project Name: Lilydale Pipeline Project, Australia

Issued on: Jun 10th, 2011
Inspection Time: May 20th-Jun 2^{ed}, 2011

P.O. No.JAM11031

Inspection Subject:	FBE Coated HFI-ERW Line Pipes		
Specification:	API 5L X56M PSL 2/AS 2885-1 AS 3862	Inspector:	Lin Gaojie
		Stamp No:	

Visit Summary:

Scope of Inspection

- Ultrasonic Testing verification
- Mechanical Testing verification
- Coating verification
- Packaging, marking and storing inspection.
- Part photo service.

Results of inspection to Lilydale Pipeline Project

● Process Verification

1. Ultrasonic Testing verification

The customer had verified Ultrasonic Testing. Photo attachment as below



2. Mechanical Testing verification

The customer had verified Mechanical Testing. And the following is for DWTT. Photo attachment as below



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Samples

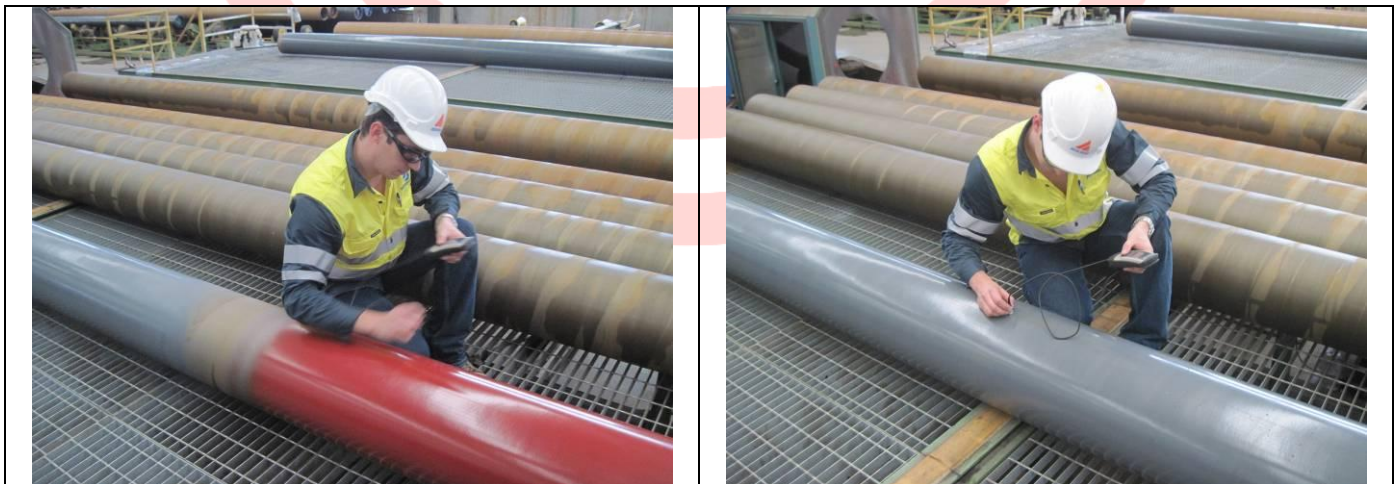


Verifying DWTT

3. Coating verification

The customer had verified Coating at coating plant.

Photo attachment as below



Verifying Coating



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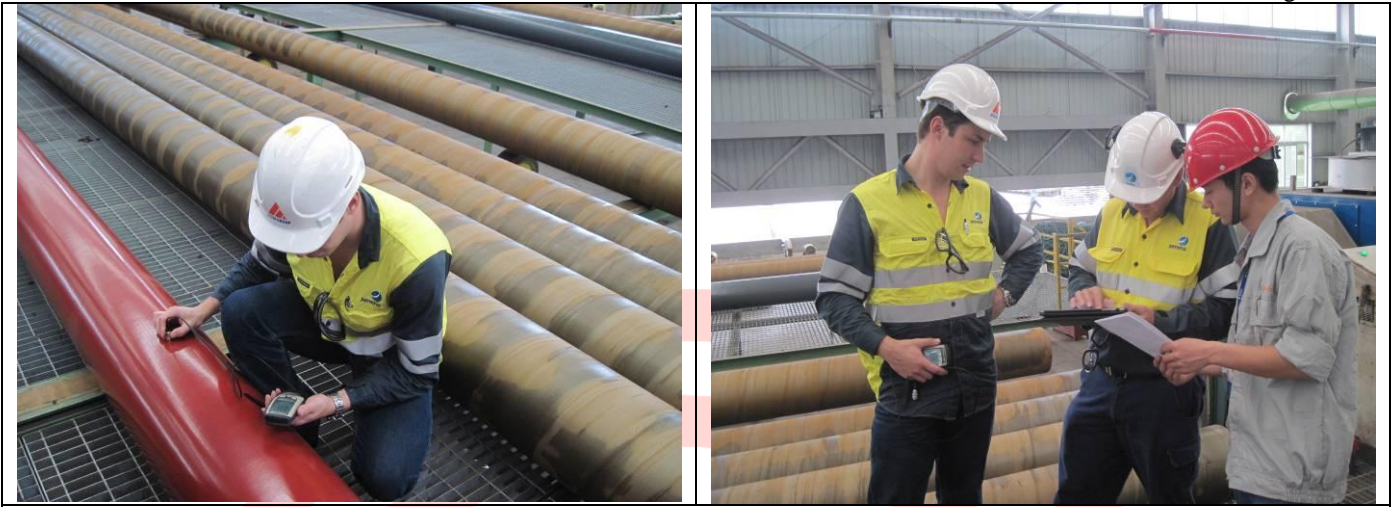
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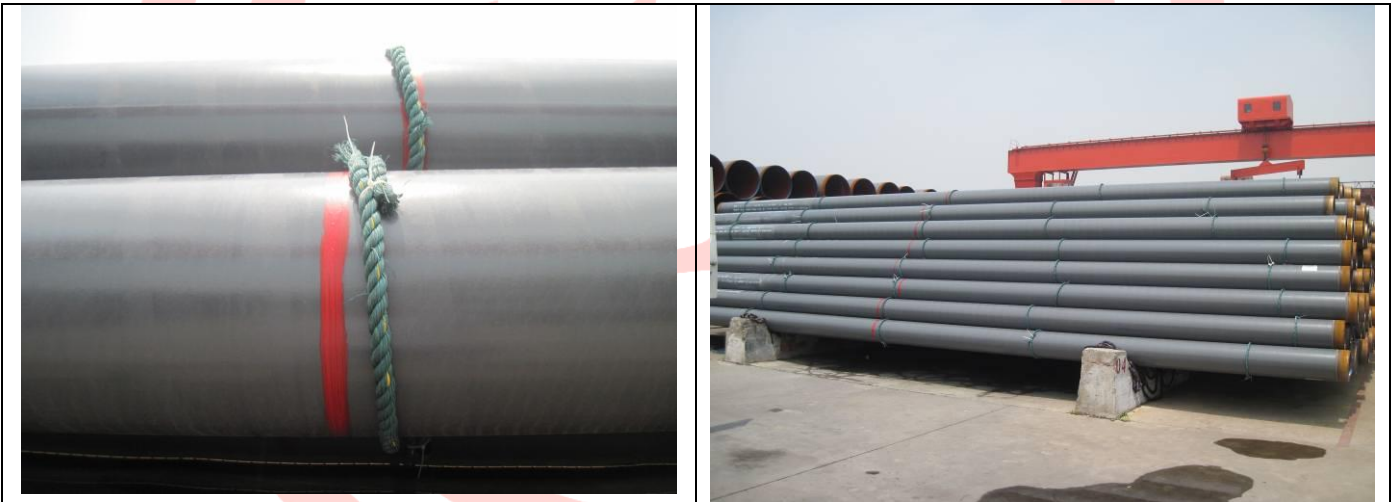


Verifying Coating

4. Packaging, marking and storing inspection

- 1) The mill had fixed end protectors on both of pipe ends;
- 2) The marking and shipping mark was right;
- 3) The pipes were stored in the stacking which was clean and covered with rubber.

Photo attachment as below



Round Color Band per thickness

Stacking



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Handling

Shipping

- **Review of Documentation:**

- Raw Material Testing Report
- UT Test on coils, Welded Seams and Full Body
- Hydrotest Report
- Pipe Chemical and Physical Testing Report
- Mill Test Certificate
- Cathodic Bonded Test Report
- Thickness Test Records

- **Remark**

The inspection results shows that the pipes are in full conformity with the specifications and client's technical requirements.