



INSPECTION REPORT

CIK-QMS-03-Rev.0

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Project	Pipe Inspection	Notification No.	N/A
Report No.	CIK-IR-Wenzhou-Abert-Pipe-20250902	PO No.	730419

Vendor/Location	HEBEI ABTER STEEL PIPE CO., LTD	Person Contracted	Mr. Zhang Yang
Sub-vendor/Loc.		Inspection Date	Sept. 2 nd 2025
Delivery Date	N/A	Next Inspection Date	N/A

Inspected Item Description (As per PO/Contract/other References)

Item	Item Code	Description Item Code	PO QTY. (pcs)
1	N/A	ASTM A312 Grade TP316L, Seamless Stainless Steel Pipe, 33.4mmx 3.38mm L=6000mm	90

Inspection Result

Accepted Conditional Discrepancy/NCR

Inspected by: Name/Date/Signature**Approved by: Name/Date/Signature**Zhao Bin
Sept. 2nd 2025

Inspection Activities according to the ITP No.

Item	ITP Activity No.	Activity Description	TPI Involvement
1	N/A	Quantity inspection	W
2	N/A	Visual inspection	SW-10%
3	N/A	Marking inspection	SW-10%
4	N/A	Dimension inspection	SW-10%
5	N/A	PMI Test	W-100%
6	N/A	Document review	R



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Inspection Description

- As per PO and client requirements, the inspector arrived at the Lingde Road, Kunpeng Street, Oujiangkou New Area Marine Economy Development Demonstration Zone, Dongtou District, Wenzhou City, Zhejiang Province, China to perform the final inspection for pipe on Sept. 2nd 2025.
- The inspection contents including that the quantity inspection, visual inspection, marking inspection, dimension inspection, PMI test, and document review.
- The inspection ratio of the visual inspection, marking inspection, dimension inspection was 10%. And the inspection ratio of the quantity inspection, PMI Test, and documents review was 100%.
- The inspection results were acceptable with comment.
- Details as follows:

1. Quantity inspection

- Per the PO, the inspector checked the quantity of steel pipes and found the quantity was met the PO requirement.
- The result was acceptable.

2. Visual inspection-10%SW

- The inspector performed visual inspection to the products as per client's requirement at random 10%.
- The surface was free from mechanic damage, burr, scratches, dents, cracks, etc. The pipe surface was clean.
- The visual inspection result was acceptable.

3. Marking inspection-10%SW

- As per the client's requirement, the inspector randomly checked the marking of the pipes.
- The inspector found the marking information were correctly and clearly marked on the pipe surface
- The inspector checked the marking information, which was consistent with the customer's requirements.



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- The marking inspection results were acceptable.
- Detail as below: Example item1: ASTM A312 316L SMLS 25NB SCH40 6.0M HEAT NO.NY250522AW17 XTD

4. Dimension inspection-10%SW

- The inspector checked the main dimensions of piping including outer diameter, wall thickness and length according to ASTM A312/A312M, ASME B36.19 & PO.
- Before dimension inspection, all used tools were checked and found in good condition and calibrated & within the validity period.
- The results were in accordance with material specification. The dimension inspection results were acceptable.
- Detail as bellow :

(Unit: mm)

Item/ Size(mm)	OD -0.8~+0.4(mm)	Wall thickness -12.5%~+12.5%(mm)	Length6(m) -20mm
SPEC.	32.6~33.80	2.96~3.80	5980~6000
1-33.4x3.38mm	33.51/33.65/33.48/33.49/33.43/ 33.57/33.66/33.50/33.60	3.45/3.29/3.37/3.38/3.32/ 3.35/3.29/3.34/3.29	5992/5992/5993/5991/5993/5991/ 5990/5991/5991

5. PMI Test-100%W

- The inspector checked the calibration certificate of the handheld spectral component detector and qualified the handheld spectral component detector with a standard test block before testing.
- On-site PMI witnessing was conducted on material F316L for 100% of each heat number by inspector. The key element Cr/Ni/Mo/Mn test values were met the material standards.
- The inspection result was acceptable.

6. Document review



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- The inspector reviewed the Calibration certificate and result was acceptable.
- The vendor did not provide the MTC for the inspector to review, and the review results are pending.

Referenced Documents/Procedures/Standards

No.	Document Title	Document No. and Revision	Document Status
1	ASTM A312/A312M-20	Standard Specification for Seamless, Welded, and Heavily Cold Worked Austenitic Stainless Steel Pipes	As final
2	ASME B36.19	Stainless Steel Pipe	2018

Instruments/Tools Used

No.	Instrument Name	Serial No./Tag No.	Calibration No.	Expire Date
1	Thickness gauge(0-20mm)	7257378	CB925050561	2026-04-23
2	Steel tape(0-10m)	/	CA925046902	2026-04-16
3	Digital Caliper(0-300mm)	24051590	CA925050556	2026-04-23
4	Handheld X-ray Spectrometer	561437	CB240102105	2026-01-07

Documents Reviewed

No.	Document Title	Document No. and Revision	Remarks
1	Calibration certificate	/	ACC

Discrepancies/Non-Conformities

The vendor did not provide the MTC for the inspector to review.

Attachments

No.	Document Title	Document No. and Revision	No. of Pages
Att-1	Calibration certificate	/	11

Inspection Time and Mileage

Inspection Time	8 Hours	Mileage (Km)	100 Km
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Photos



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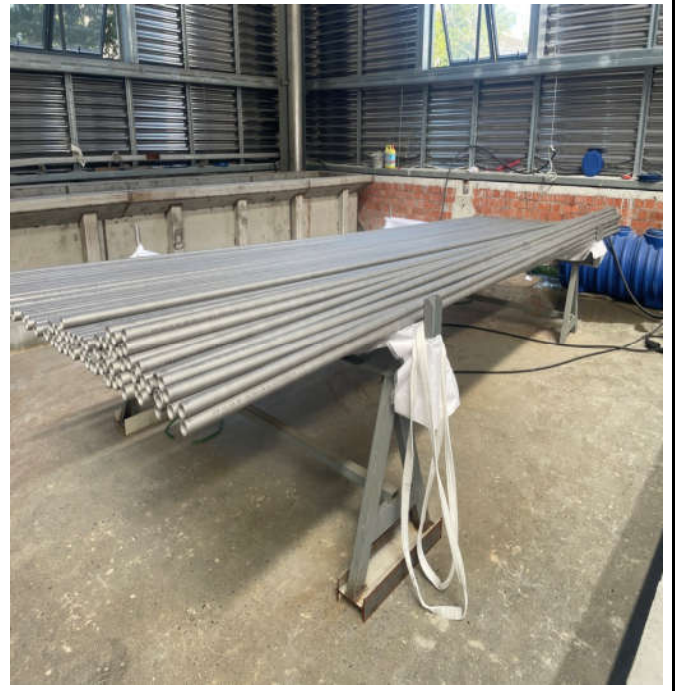
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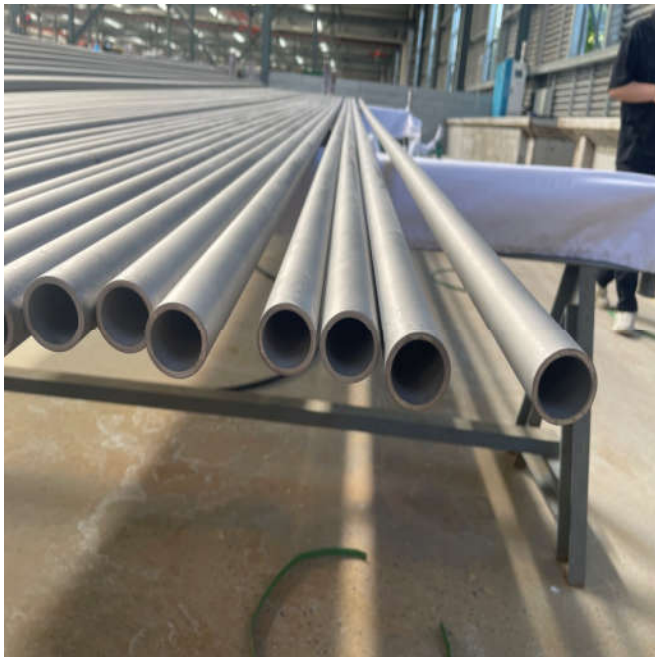
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Product stacking

Product stacking



Visual inspection

Visual inspection



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Visual inspection

Visual inspection



Visual inspection

Visual inspection



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Marking inspection

Marking inspection



Dimension inspection

Dimension inspection



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Dimension inspection

Dimension inspection



Dimension inspection

Dimension inspection



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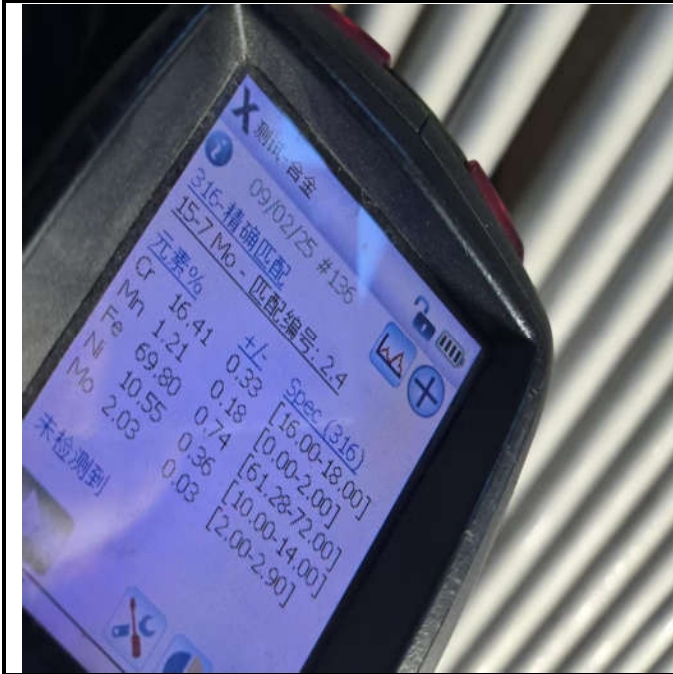
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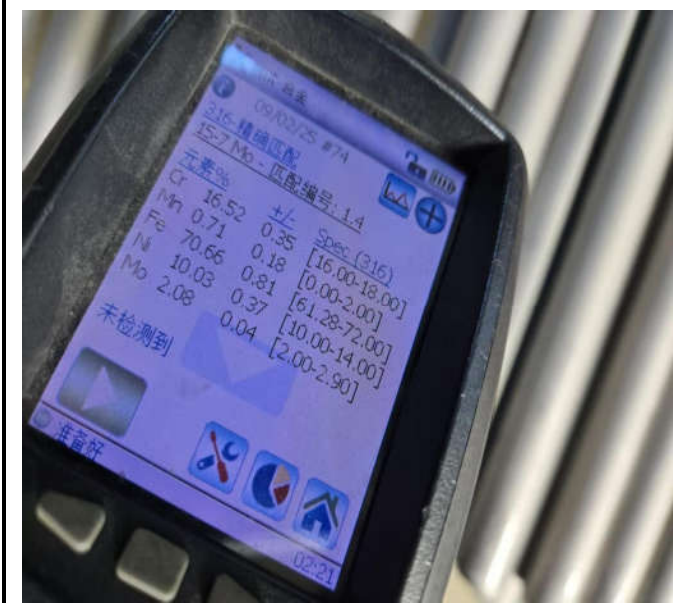
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PMI inspection

PMI inspection



PMI inspection

PMI inspection

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