



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-20260102	PO No.	N/A

Vendor/Location	HEBEI ABTER STEEL PIPE CO., LTD	Person Contracted	Mr. Zhang
Sub-vendor/Loc.		Inspection Date	Jan. 2 nd 2026
Delivery Date	N/A	Next Inspection Date	N/A

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

Item No	Description	Quantity
1	2205 Duplex stainless steel pipe: Spec A312 or A 790 'seamless' minimum yield = 65,000 psi minimum PRE= 25 minimum elongation = 20% cleaned outside surface; annealed, pickled Mill Certification Reports to be provided prior to shipping 1.25"sch40 pipe (1.660"od x 0.140"wall thickness) 42.2mm od x 3.56mm wall x 6000mm length (500 ft) nominal wt = 2.3 lbs/ft (3.4 kg/m)	102pcs/306m
2	2205 Duplex stainless steel pipe: Spec A312 or A 790 'seamless' minimum yield = 65,000 psi minimum PRE= 25 minimum elongation = 20% cleaned outside surface; annealed, pickled Mill Certification Reports to be provided prior to shipping 1.50"sch10 pipe (1.900"od x 0.109"wall thickness) 48.3mm od x 2.77mm wall x 6000mm length nominal wt = 2.2 lbs/ft (3.3 kg/m)	11pcs/33m

Inspection Result

Accepted
 Conditional
 Discrepancy/NCR

Inspected by: Name/Date/Signature

Approved by: Name/Date/Signature



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Zhao Bin
Jan. 1st 2026



Inspection Activities according to the ITP No.

Item	ITP Activity No.	Activity Description	TPI Involvement
1	/	Quantity inspection	W
2	/	Visual inspection	SW
3	/	Dimension inspection	SW
4	/	Marking inspection	SW
5	/	PMI Test	SW

Inspection Description

- As per PO and client requirements, the CHITAKO inspector visited the Wenzhou factory (Dongtou District, Wenzhou City, Zhejiang Province, China) to perform the final inspection for pipe on Jan. 2nd 2026.
- The inspection content are including that the quantity inspection, visual inspection, dimension inspection, marking inspection and PMI test.
- According to customer requirements, the inspection ratio is 50%.
- The inspection results were acceptable.
- Details as follows:
 - **Quantity check.**
 - When the inspector arrived at the site and found that all the pipes had already been prepared for inspection.
 - According to the check list, the inspector checked the pipe quantity, the actual quantity was



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consistent with the inspection list quantity.

- The result was acceptable.

➤ **Visual inspection**

- The inspector performed visual inspection to the products as per client's requirement at random 50%.
- The surface was free from mechanic damage, burr, scratches, dents, cracks, etc.,The pipe surface was clean.
- There are some slight scratches on the surface of the pipe, which are caused by bumps during hoisting or transportation.
- The inspection result was acceptable.

➤ **Dimensional check**

- CIK inspector performed the dimensional check for the order pipes.
- Before dimension inspection, all used tools were checked and found in good condition and calibrated.
- The inspector checked main dimensions of piping including outer diameter, wall thickness and length. According to ASTM A790, ASME B36.19& PO, the results were in accordance with material specification.
- Please note that the pipe ends were Plain End. The client confirmed that the pipe length of 3 meters is acceptable.
- The dimension inspection result was acceptable.



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- Details as below:

(Unit: mm)

Item/Size(mm)	OD-0.8~+0.4(mm)	Wall thickness-12.5%~+12.5%(mm)	Length3(m)-10mm
SPEC.	41.4~42.6	3.115~4.005	2990~3000
1-42.2x3.56mm	41.73-42.22	3.37-3.69	2994-3000
SPEC.	47.5~48.7	2.424~3.116	2990~3000
2-48.3x2.77mm	48.43-48.54	2.70-2.79	2994-2997

➤ **Marking check**

- The inspector checked the marking information, which was consistent with the client's requirements.
- The result was acceptable.
- Detail identification as follow:

Item	Marking content
1	ASTM A790 2205 SMLS 42.2mmx3.56mmx3000mm Heat No.NY250130AW04
2	ASTM A790 2205 SMLS 48.3mmx2.77mmx3000mm Heat No.FK2505-090

➤ **PMI Test**

- 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.



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- On-site PMI witnessing was conducted on material 2205 for 50% of each heat number.
- The key element Cr/Ni/Mo/Mn test values were met the material standards.
- The inspection results were satisfactory.

Referenced Documents/Procedures/Standards

No.	Document Title	Document No. and Revision	Document Status
1	ASTM A790/A790M-20	Standard Specification for Seamless and Welded Ferritic/Austenitic Stainless Steel Pipe	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 certificates		/

Discrepancies/Non-Conformities

- N/A

Attachments

No.	Document Title	Document No. and Revision	No. of Pages
1	Calibration certificates	/	

Inspection Time and Mileage

Inspection Time	8 hours	Mileage (Km)	140km
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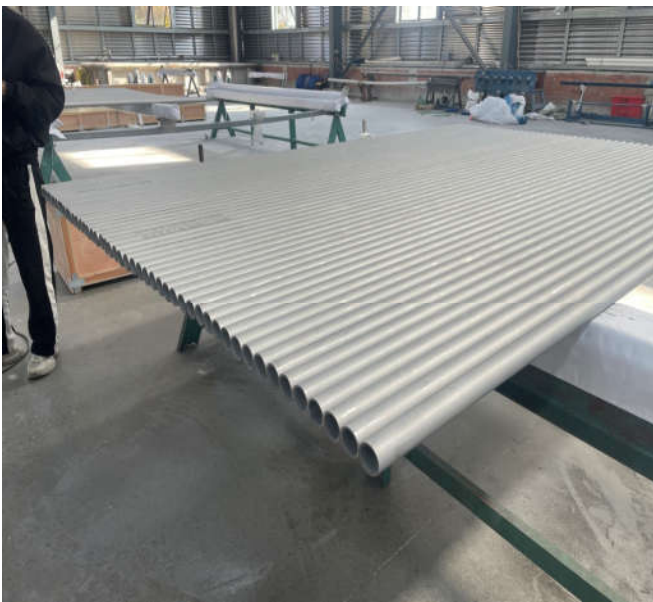
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Photos



Product stacking

Product stacking



Visual inspection

Visual inspection



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Visual inspection

Visual inspection



Visual inspection

Visual inspection



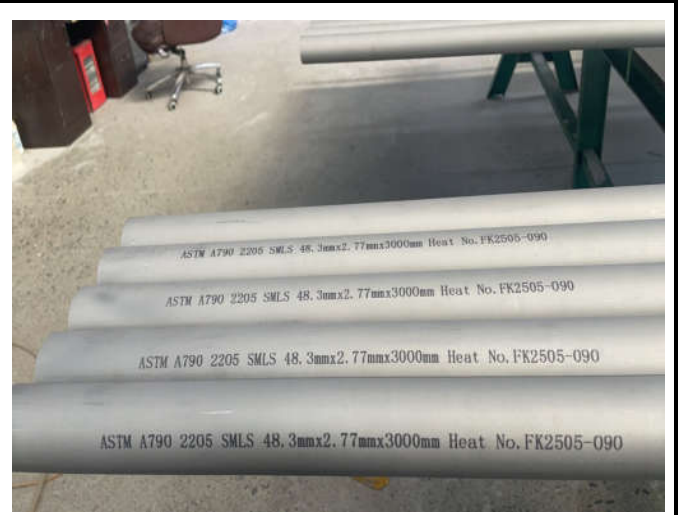
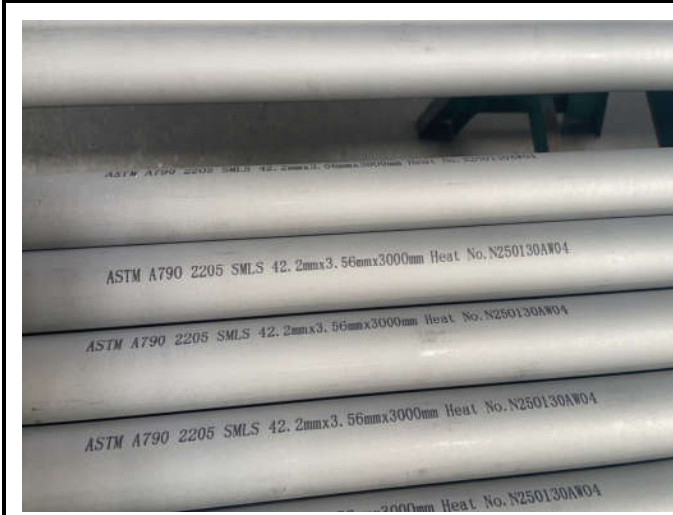
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Marking

Marking



Dimension inspection

Dimension inspection



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Dimension inspection

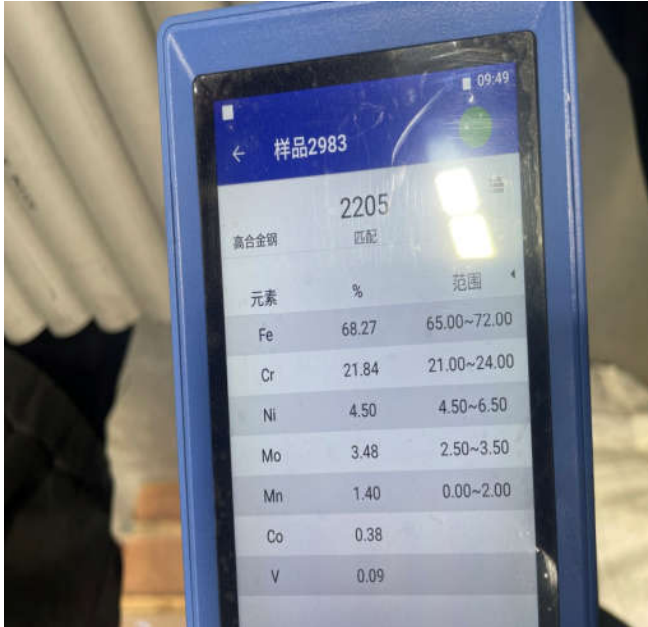
Dimension inspection



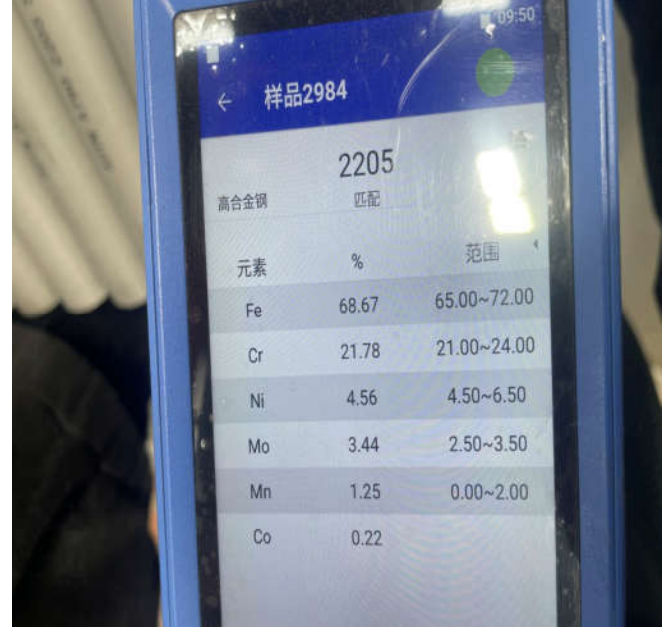
Dimension inspection

Dimension inspection

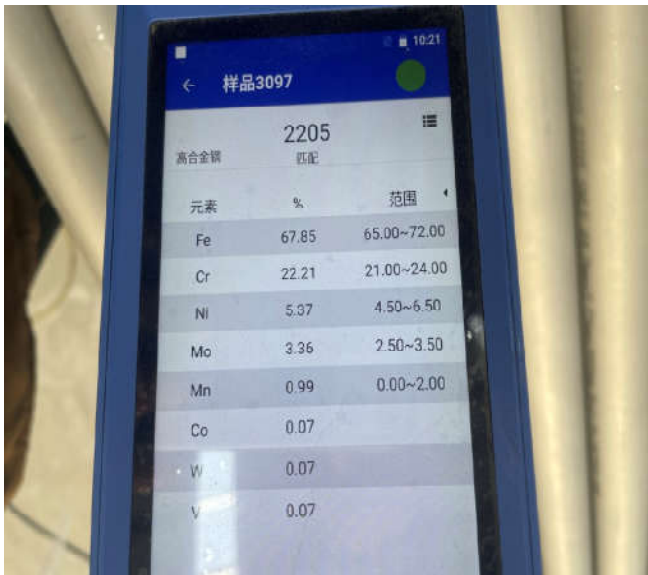
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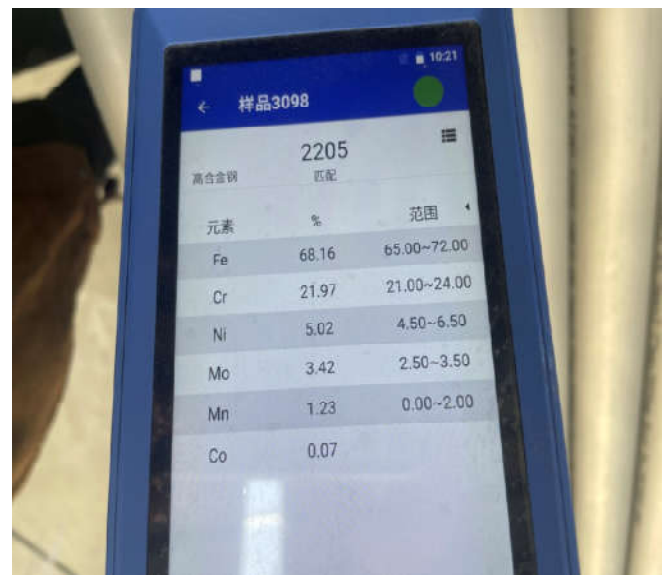
PMI inspection



PMI inspection



PMI inspection



PMI inspection