



**Industry & Facilities Division**  
**Third Party Inspection Report**

<b>INSPECTION REPORT No. INS/ER/S-22/033-03</b>	<b>Revision No.00</b>
<input type="checkbox"/> Initial <input type="checkbox"/> Interim <input checked="" type="checkbox"/> Final <input type="checkbox"/> Resident	
Inspection requested by: Hunan Yasco Engineering Materials Co.,Ltd.	
Inspection performed as Recognised Authority: <input type="checkbox"/> Yes, :(Recognition) <input checked="" type="checkbox"/> No	
BV Job Nr: INS/ER/S-22/033	

<b>Project: TPI for Pipes</b>	<b>IPO Ref (If applicable): N/A</b> (BV internal P/o)
<b>BV Client: Hunan Yasco Engineering Materials Co.,Ltd.</b>	<b>P/o nr: INS/ER/S-22/033</b> (client to BV)
<b>Manufacturer/Vendor: Hunan Yasco Engineering Materials Co.,Ltd.</b>	<b>P/o nr: N/A</b> (client to Manufacturer)
<b>Sub-Vendor (If applicable): /</b>	<b>Previous Inspection (If applicable): N/A</b> (Date)
<b>Inspection Location: Lishui city, Zhejiang, China.</b>	<b>Next Inspection (If applicable): N/A</b> (Date)N/A
<b>Inspection performed on: Mar.8, 2022</b> ( Date(s) )	<b>Total No. of Inspection Days: 1</b>

MATERIAL / SUBJECT OF INSPECTION	ITEM / Ser. Nr	QTY As per P/O	QTY Offered for inspection
<input type="checkbox"/> Refer to attachment section J instead (Indicate if separate material list is provided in attachment)			
Please refer to table 1 products list			

A – INSPECTION RESULT		
<input checked="" type="checkbox"/> <b>Satisfactory</b> (Without comments)	<input type="checkbox"/> <b>Satisfactory with comments</b> (Any of trailing Punch or Non Conformity items is still open)	<input type="checkbox"/> <b>Not Satisfactory</b> (NCR raised during the inspection)
<b>Inspection Summary:</b> (for details refer to section E) On Mar.8, 2022, BV inspector Zhangfei arrived at the factory and performed the following inspection. Quantity check, satisfactory. Visual check, satisfactory. Dimension check, satisfactory. PMI test, satisfactory.		
<b>Open Non Conformities:</b>	<input type="checkbox"/> Yes, details in section G	<input checked="" type="checkbox"/> No
<b>Open Punch List Items:</b>	<input type="checkbox"/> Yes, details in section H	<input checked="" type="checkbox"/> No
<b>Release Note Issued:</b>	<input type="checkbox"/> Yes, number(s):	<input checked="" type="checkbox"/> No
<b>BV Traceability Stamping:</b>	<input type="checkbox"/> Yes, <i>dv</i>	<input checked="" type="checkbox"/> No

<b>BV Inspector: Zhangfei</b> (Name and Signature) <i>Zhangfei</i>	<b>BV Coordinator: Victor WANG</b> (Name and Signature) <i>Victor Wang</i>
<b>BV Office: BVQS China</b>	<b>Inspection Report Date: Feb. 23, 2022</b>
<b>Distribution:</b> <input checked="" type="checkbox"/> CLIENT <input checked="" type="checkbox"/> BV <input type="checkbox"/> MANUFACTURER <input type="checkbox"/> OTHER:	<b>Attachments Report:</b> <input checked="" type="checkbox"/> Yes, details in section J <input type="checkbox"/> No



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<b>B - REFERENCE DOCUMENTATION:</b>					
<input type="checkbox"/> Refer to attachment section J instead (Indicate if separate document list is provided in attachment)					
Title	Reference n°	Rev.	Approval status	Approved by	Date
Technical and Commercial Proposal for Third Party Inspection Service	INS/ER/S-22/033	4	Approved	Client	2022
Standard Specification for Seamless, Welded, and Heavily Cold Worked Austenitic Stainless Steel Pipes1	ASTM A312	17	Approved	ASTM	2017

<b>C – ATTENDEES</b>		
Name	Position	Representing
AN	PM	GWC
Zhangfei	Inspector	BV

<b>D - MEASURING &amp; TESTING EQUIPMENT USED</b>			
<input type="checkbox"/> Refer to attachment section J instead (Indicate if separate equipment list is provided in attachment)			
Equipment Type	Equipment Identity n°	Last Calibration Date	Expiry Date
PMI tester	812699	2020.4.21	2021.4.21
Micro meter	191281521	2021.8.5	2022.8.4
Measure tape	1709150235	2021.8.5	2022.8.4

**E - INSPECTION DETAILS**

**E – General**

On Mar.8, 2022, BV inspector Zhang Fei arrived at the factory and performed the following inspection.  
 Quantity check, satisfactory.  
 Visual check, satisfactory.  
 Dimension check, satisfactory.  
 PMI test, satisfactory.

**E1 – Details of Witness (W) & Hold (H) Inspection Points**

1 Quantity check  
 The actual quantity was listed below.  
 Table 1 Products list

No.	Name	Material	Specification			Actually Qty
			OD MM	Thickness MM	Length MM	PCS
1	Weld pipe	316L	355.6	23.83	7431	3
2	Weld pipe		355.6	23.83	4301	3
3	Flange		DN350 x SCH100 x 300LBS x WN RF x B16.5			3



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4	Weld pipe		355.6	12.7	5101	3
5	Weld pipe		355.6	12.7	6233	3
6	Flange		DN350 x SCH80 x 300LBS x WN RF x B16.5			3
7	Weld pipe		323.9	12.7	4355	2
8	Weld pipe		323.9	12.7	3985	2
Total						22

Quantity check result was acceptable.

**2 Visual check**

The visual quality of the pipe and flange mentioned above were inspected. The surface was clean and smooth. No crack, no pit, no dent, no burrs and no other obvious defect was found. The mark on the product were clear stenciled. The visual quality was satisfactory.

**3 Dimension check**

The dimension was randomly measured, the details was listed in the below table.

No.	Name	Material	OD		ACT. Measured		Thickness	ACT. Measured			Length	ACT. Measured			
			MM	MM	MM	MM		MM	MM	MM		MM			
1	weld pipe	316L	355.6	356.4	355	356.7	23.83	21.62	21.73	21.89	7431	7440	7440	7440	
2	weld pipe		355.6	355	356.6	356	23.83	22.08	22.18	22.00	4301	4310	4310	4310	
3	Flange		As per DN350 x SCH100 x 300LBS x WN RF x B16.5, satisfactory.												
4	weld pipe		355.6	356.1	355.9	355	12.7	12.27	12.13	12.08	5101	5110	5110	5110	
5	weld pipe		355.6	356.1	355	356.9	12.7	12.14	11.68	12.01	6233	6238	6238	6238	
6	Flange		As per DN350 x SCH80 x 300LBS x WN RF x B16.5, satisfactory												
7	weld pipe		323.9	325	324.7	324.4	12.7	12.38	11.88	12.33	4355	4360	4360	4360	
8	weld pipe		323.9	324.2	324.8	324.5	12.7	12.13	11.74	12.02	3985	4000	4000	4000	

The dimension checked result was satisfactory.

**4 PMI test, satisfactory.**

All products were performed the PMI test, and no deviation was found. Detail was as the table below

No.	Name	Material	PMI result
1	weld pipe	316L	316
2	weld pipe		316



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3	Flange		316
4	weld pipe		316
5	weld pipe		316
6	Flange		316
7	weld pipe		316
8	weld pipe		316

**E3 – Details of Certificates Review**  Tick if conducted during the visit

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**F – HEALTH, SAFETY & ENVIRONMENT COMMENTS**

*(Comment on Observations and Actions Taken During the Inspection)*

1. Comply with Bureau Veritas Cardinal Safety Rules;
2. Wear the required PPE for the work;
3. Respect and comply with the customer safety rules when presented;
4. Conduct “2 minutes for safety” when entering working site and confirm safety consideration to the customer;
5. No health and safety concerns or violations were observed before or during conducting the inspection activity.

**G- NON CONFORMITIES**

Refer to attachment section J instead  
*(Indicate if separate punch list is provided in attachment)*

Item	Description	Status	Raised on	Report Nr.	Closed on	Report Nr.	Comments
/	/	/	/	/	/	/	/

**H – PUNCH LIST ITEMS**

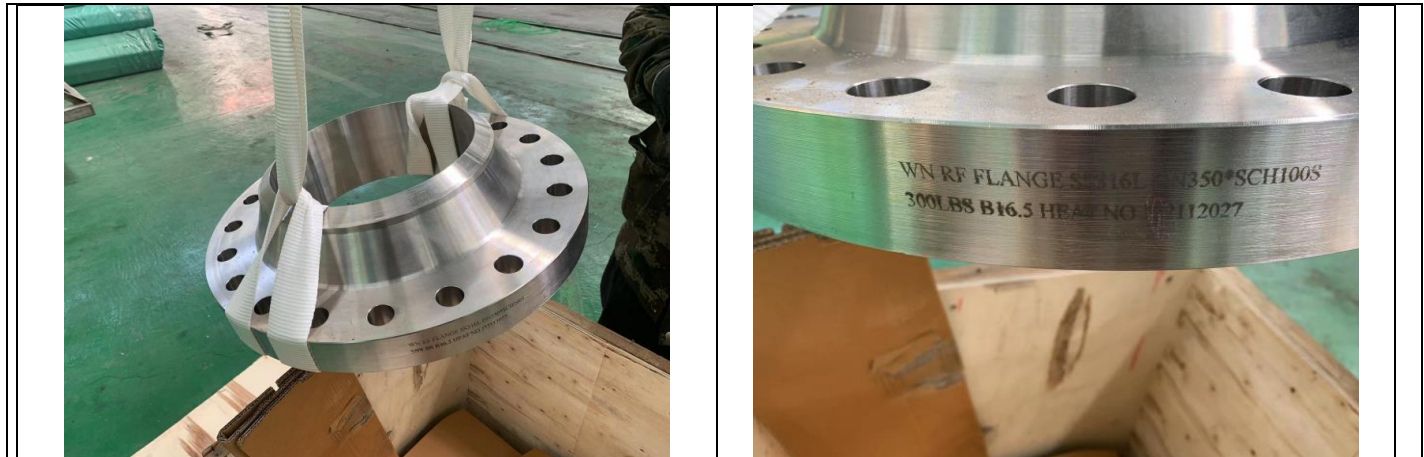
Refer to attachment section J instead  
*(Indicate if separate punch list is provided in attachment)*

Item	Description	Status	Raised on	Report Nr.	Closed on	Report Nr.	Comments
/	/	/	/	/	/	/	/

**I - DIGITAL PICTURES**



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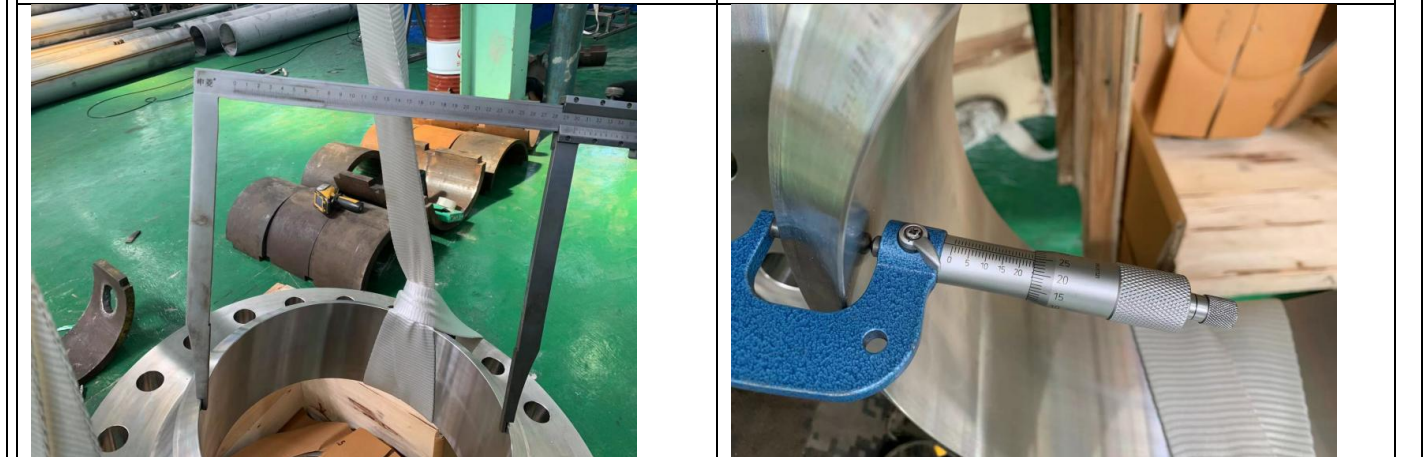
Visual check

Stencil check



PMI test





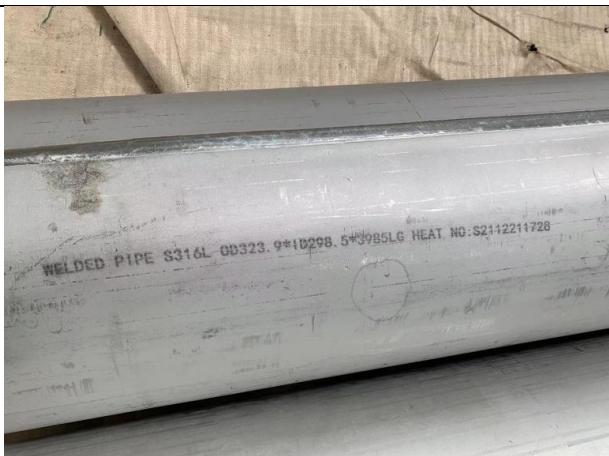

PMI test



Dimension check

Dimension check

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 <p>Dimension check</p>	 <p>Dimension check</p>
 <p>Visual check</p>	 <p>Visual check</p>
 <p>Stencil check</p>	 <p>PMI test</p>



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<i>Dimension check</i>	<i>Dimension check</i>
	
<i>Dimension check</i>	<i>Dimension check</i>

**J – ATTACHMENTS**

Item	Attachment Name	Total Pages	Description
/	/	/	/

**END OF REPORT**

