




MT-INSPECTION

Final Random Inspection Report

Report No.: MT-20260410-001

GENERAL SUMMARY:

Client:	-	
PO No.:	-	
Item No.:	Galvanized Seamless Pipe	
Product Name:	Galvanized Seamless Pipe	
Quantity:	PO Qty:480pcs; Actual Qty:400pcs	
Inspection location:	Liaocheng City, Shandong Province	
Supplier:	TIANJIN BOHAIHONGDA METAL PRODUCTS CO.,LTD	
Date of inspection:	April 10, 2026	

OVERALL CONCLUSION:

Inspection criteria	Passed	Failed	Pending	Comments
Quantity available:	-	-	×	Remark 1
Product Conformity:	-	-	×	Remark 2
Workmanship:	-	-	×	Remark 6,7
Test and measurement:	-	-	×	Remark 5
Labeling:	-	-	×	Remark 3
Packing and shipping mark:	-	-	×	Remark 3,4
Result:	<input type="checkbox"/> Acceptable <input type="checkbox"/> Reject <input checked="" type="checkbox"/> Pending			

SPECIAL REMARK:

- Actual Qty is 400pcs instead of 480pcs from client's information.
- There's no approved sample providing for reference during inspection.
- No shipping mark and marking/label spec. available for comparison on site.
- No packing method spec. available for comparison on site.
- The length, outer diameter, and wall thickness of the pipe exceed the tolerances specified by the customer. Please refer to the dimension record sheet for details. The factory explained that the reason for exceeding the tolerance is that the product has a coating.
- Selected 50pcs samples for inspection, found 2pcs major defect and 1pcs minor defect, for the defects found during inspection, the inspector had already shown to the factory and requested to replace these defects.
- The two ends of the steel pipe are relatively rough, 60%.





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AVAILABLE QUANTITY:

Order No.	Item No.	Order Qty		Packed		Not finished		Not packed		Inspect Qty	
		pcs	ctn	pcs	ctn	pcs	ctn	pcs	ctn	pcs	ctn
-	Galvanized Seamless Pipe	480	-	400	25	0	0	0	0	50	5
Total:		480	-	400	25	0	0	0	0	50	5

Lot Size	General Inspection Levels			Special Inspection Levels			
	I	II	III	S1	S2	S3	S4
2 to 8	A	A	B	A	A	A	A
9 to 15	A	B	C	A	A	A	A
16 to 25	B	C	D	A	A	B	B
26 to 50	C	D	E	A	B	B	C
51 to 90	C	E	F	B	B	C	C
91 to 150	D	F	G	B	B	C	D
151 to 280	E	G	H	B	C	D	E
281 to 500	F	H	J	B	C	D	E
501 to 1,200	G	J	K	C	C	E	F
1,201 to 3,200	H	K	L	C	D	E	G
3,201 to 10,000	J	L	M	C	D	F	G
10,001 to 35,000	K	M	N	C	D	F	H
35,001 to 150,000	L	N	P	D	E	G	J
150,001 to 500,000	M	P	Q	D	E	G	J
500,001 and over	N	Q	R	D	E	H	K

Single sampling plans for normal inspection

Sample Size Code Letter	Sample Size	Acceptable Quality Levels (Normal Inspection)																						
		0.065		0.10		0.15		0.25		0.40		0.65		1.0		1.5		2.5		4.0		6.5		
		Ac	Re	Ac	Re	Ac	Re	Ac	Re	Ac	Re	Ac	Re	Ac	Re	Ac	Re	Ac	Re	Ac	Re	Ac	Re	
A	2																							
B	3																							
C	5																							
D	8																							
E	13																							
F	20																							
G	32																							
H	50																							
J	80																							
K	125																							
L	200	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0
M	315																							
N	500																							
P	800	1	2	2	3	3	4	5	6	7	8	10	11	14	15	21	22							
Q	1250	2	3	3	4	5	6	7	8	10	11	14	15	21	22									
R	2000	3	4	5	6	7	8	10	11	14	15	21	22											

Inspection standard: ANSI/ASQC Z1.4-2003 Sampling plan: Single, Normal Inspection level: LII AQL: Critical: Not Allowed.	Sample Size: 50pcs			
		Critical	Major	Minor
	AQL:	0	2.5	4.0
	Defects Found:	0	2	1
	Max. Allowed:	0	2	3



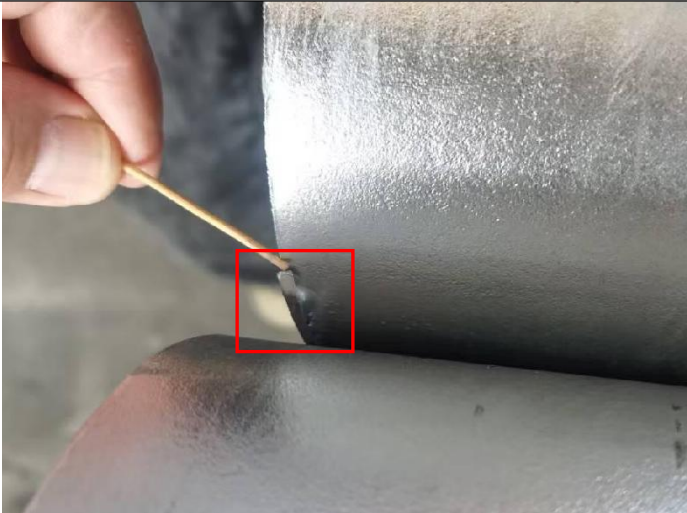
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WORKMANSHIP:

Item No.	Sample size	Defective rate	Defects Description	Cri	Maj	Min
Galvanized Seamless Pipe	50	2%	Burr	0	1	0
		2%	Poor coating	0	1	0
		2%	Dirty mark	0	0	1
Total defect:				0	2	1
Allowed:				0	2	3
Result:				Pass		

Defect Pictures:

Item No:Galvanized Seamless Pipe



Burr-Major



Poor coating-Major



Dirty mark-Minor

N/A



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PRODUCT CONFORMITY & ON-SITE TESTS			
Check Points & On-site Tests	Sample Size	Criteria	Result & Remarks
Visual Check (Style, Appearance, Material, Color)	All Sample size	a. Conformance to Style / Appearance / Material / Color compared against: <input type="checkbox"/> Client's / <input type="checkbox"/> Factory's ref. sample. <input checked="" type="checkbox"/> No ref. sample for comparison. (N.B.: Provide details in comment section if 2 or more color shades and/or any color variation is found.) b. Free of nick, burrs, pits, sharp point or any other defects which may affect the product serviceability. c. Finish/ coating is smooth and even without streaks, blisters, wrinkles, or runs. d. Good overall appearance with good alignment of components.	PENDING Remark 2
Coating Inspection	All Sample size	All steel pipes shall be hot-dip galvanized in accordance with ASTM A123/ASTM A123M standards. For steel pipes with a wall thickness of $\geq 6.4\text{mm}$ (this batch of steel pipes has a wall thickness of 10.97mm), specific plating is required	PASS
Coating thickness inspection	All Sample size	The requirements for the zinc layer are as follows: The average coating thickness is $\geq 86 \mu\text{m}$ ($\geq 610\text{g/m}^2$) Minimum single point thickness $\geq 76 \mu\text{m}$ ($\geq 505\text{g/m}^2$) Testing method: Use a magnetic coating thickness gauge (such as an Jig, PosiTector, or equivalent instrument) for measurement. Select at least 5 measurement points for each steel pipe (both ends, middle, top and bottom tables) Avoid repairing corners, welds, and lifting lugs. Before measurement, the instrument must be calibrated using a standard thickness gauge. Qualification judgment: The arithmetic mean of all measurement points is $\geq 86 \mu\text{m}$;	PASS

PACKING AND ACCESSORIES:				
Item No.:	Master shipper (pcs/pack)	Pack size LxWxH (cm)	G.W (Kg)	N.W (Kg)
Galvanized Seamless Pipe	16	-	-	-

PRODUCT SPECIFICATION:							
Item No.:	Check point	Client Spec.	Sample 1#	Sample 2#	Sample 3 #	Sample 4#	Sample 5#
Galvanized Seamless Pipe	OD(mm)	168.3mm(± 0.5)	168	168	167	168	167
	Thickness(mm)	10.97mm(± 0.1)	11.2	10.98	10.99	10.95	11.07
	Length(mm)	1335mm(± 1.0)	1336	1337	1335	1336	1335
	Coating thickness(μm)	Single point thickness $\geq 76 \mu\text{m}$		91.1-121	108-124	112-200	114-152
The average coating thickness is $\geq 86 \mu\text{m}$			103.02	123.4	136.4	128.6	134

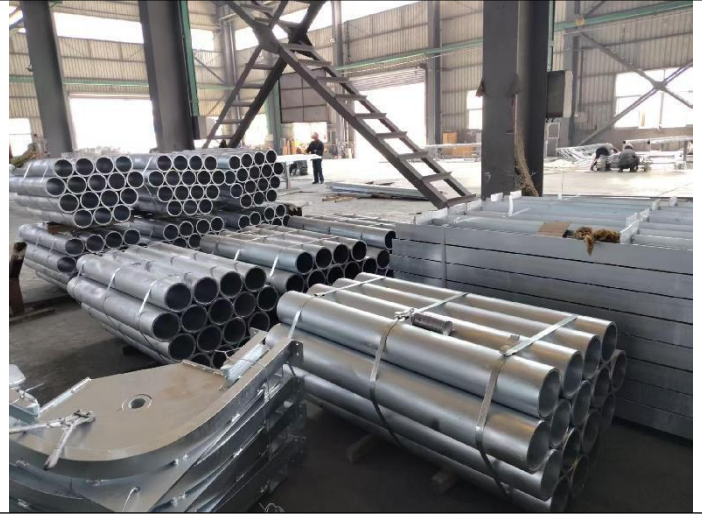


Product photo show:

Item: Galvanized Seamless Pipe



Packing view



Packing view



Product view



Product view





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Product view



Product view



Product view



Product view

Measurement and Test

Item:Galvanized Seamless Pipe



OD check



OD check



OD check



OD check



OD check



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OD check



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OD check



Thickness check



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Thickness check



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Thickness check



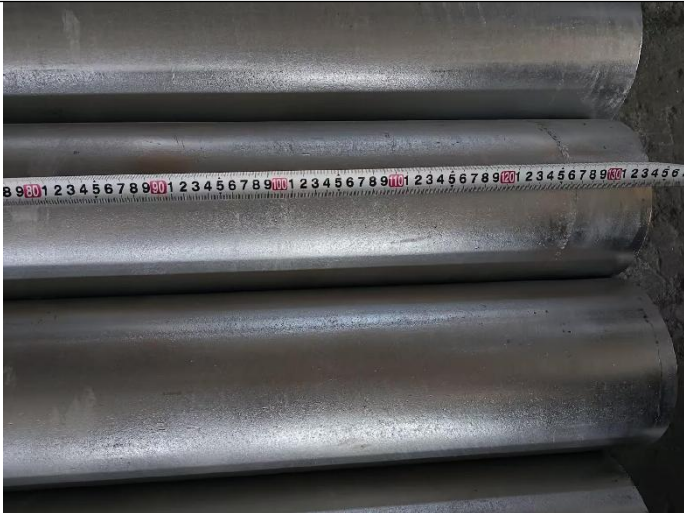
Thickness check



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Length check



Length check



Length check



Length check



Length check



Length check



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Length check



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Zinc Coating Testing



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Zinc Coating Testing



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Other photos



Product Photos



Product Photos



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