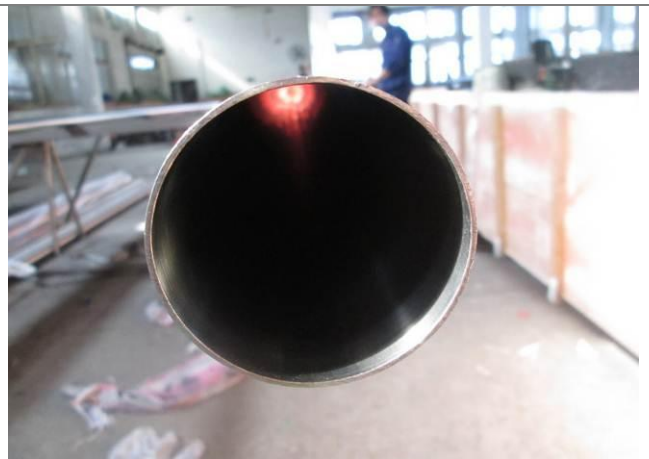


INSPECTION INFORMATION

Client	E2PS Solução Para Processos		
Supplier	SVASIA Limited Co.,		
Inspection Instruction	GWI-G-GTZP-valve-036-HQT; SWI-787-HQT-SIEL		
P.O. No.	ZJDP14-0808B	PO quantity	1549Pieces
Item No.	Refer to quantity sheet	Sampling Plan	ISO2859;Single;Normal
Inspection Date	24-10-2014	Inspection Level	G-II
Inspection Location	Wenzhou, China	Sample Size	125Pieces
Inspection Sequence	1 st inspection	AQL	Critical0Major2.5Minor4.0
Product description	Wekded Stainless Steel Pipes etc.		


INSPECTION RESULT SUMMARY

Category	Conform	Not Conform	Pending
1.Quantity			X
2.Workmanship			X
3.Style, Color & Documentation		X	
4.Field Test & Measurement			X
5.Shipping Mark & Packaging	X		
OVERALL CONCLUSION	NOT CONFORM to client's requirement		
Final Decision	Client has the final decision to reject or approve		

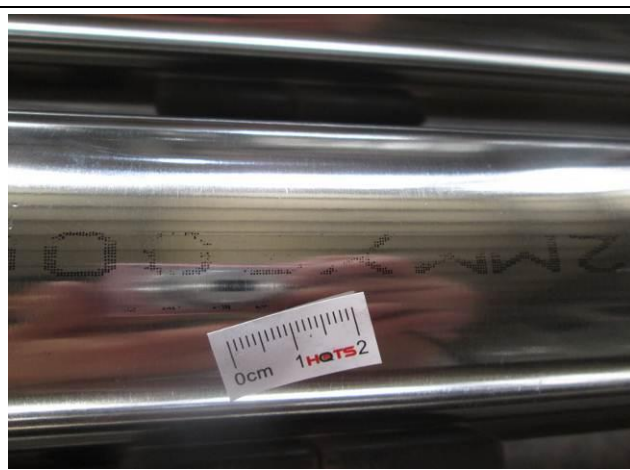
SPECIAL ATTENTION POINT (SAP)

1	Quantity	Nil
1.1	Upon arrival, only 1188pieces(8cartons,76.7%) were finished packing for our inspection ,the rest 361pieces(4 cartons) were under packing, and inspection samples were randomly drawn from packed and unpacked goods.	

2	Workmanship	Pls refer to the following findings
2.1	For all items, 100% inspected samples were found poor printing on silk-screen	



SAP2.1-poor printing on silk-screen(1)



SAP2.1-poor printing on silk-screen(2)

3	Style, Color & Documentation	Pls refer to the following findings
3.1	No "Made in china " on product or carton was found during inspection.	
3.2	For item Wekdde Stainless Steel Pipes OD76,2-ID72,2, actual found $\Phi 76.1$ instead of $\Phi 76.2$ that required on spec was on plastic cap, details refer to the photos as below:	



SAP3.2-item Wekdde Stainless Steel Pipes
OD76,2-ID72,2-actual found

N/A

4	Field Test & Measurement	Pls refer to the following findings
4.1	For all items, tape test on silk-screen was failed, details refer to the photos as below:	
4.2	The factory did not provide facility to do carton gross weight check.	

	
SAP4.1-tape test(1)	SAP4.1-tape test(2)

5	Shipping Mark & Packaging	Nil
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INSPECTION DETAILS

1. Quantity					Pending			
PO No.	Item No.	P.O. Qty	Shipment Qty		Packing Qty		Sample Size	
		(Pieces)	(Pieces)	(Cartons)	(Pieces)	(Cartons)	(Pieces)	(Cartons)
ZJDP14-0808B	Wekded Stainless Steel Pipes OD 63,5 - ID 60,5	108	108	1(fixed)	108	1(fixed)	8	1
	Wekded Stainless Steel Pipes OD 25,4 - ID 22,4	23	23		23		2	
	Wekded Stainless Steel Pipes OD 63,5 - ID 60,5	58	58	1(fixed)	58	1(fixed)	5	1
	Wekded Stainless Steel Pipes OD76,2-ID72,2	35	35		35		3	
	Wekded Stainless Steel Pipes OD76,2-ID72,2	76	76	1	76	1	8	1
	Wekded Stainless Steel Pipes OD 101,6 - ID 97,6	36	36	1(fixed)	0	0	3	0
	Wekded Stainless Steel Pipes OD76,2-ID72,2	33	33		0		3	
	Wekded Stainless Steel Pipes OD 38,1 - ID 35,1	10	10		0		1	
	Wekded Stainless Steel Pipes OD 63,5 - ID 60,5	108	108	1(fixed)	108	1(fixed)	8	1
	Wekded Stainless Steel Pipes OD 25,4 - ID 22,4	23	23		23		2	

	Wekded Stainless Steel Pipes OD 101,6 - ID 97,6	40	40	1(fixed)	0	0	3	0
	Wekded Stainless Steel Pipes OD 38,1 - ID 35,1	38	38		0		3	
	Wekded Stainless Steel Pipes OD 63,5 - ID 60,5	59	59	1(fixed)	59	1(fixed)	5	1
	Wekded Stainless Steel Pipes OD 50,8 - ID 47,8	62	62		62		5	
	Stainless Steel Rectangular Pipes 100 x 80 x 3	14	14	1(fixed)	0	0	1	0
	Stainless Steel Rectangular Pipes 100 x 60 x 2	32	32		0		3	
	Wekded Stainless Steel Pipes OD 25,4 - ID 22,4	158	158		0		12	
	Stainless Steel Rectangular Pipes 50 x 50 x 2	144	144	1(fixed)	144	1(fixed)	11	1
	Wekded Stainless Steel Pipes OD 25,4 - ID 22,4	83	83		83		7	
	Wekded Stainless Steel Pipes OD 50,8 - ID 47,8	117	117	1(fixed)	117	1(fixed)	10	1
	Wekded Stainless Steel Pipes OD 25,4 - ID 22,4	19	19		19		2	
	Wekded Stainless Steel Pipes OD 50,8 - ID 47,8	117	117	1	117	1	9	1
	Wekded Stainless Steel Pipes OD 38,1 - ID 35,1	156	156	1	156	0	11	0
	Total	1549	1549	12	1188	8	125	8

2. Workmanship		Pending		
Defects Description		Critical	Major	Minor
item Wekded Stainless Steel Pipes OD 101,6 - ID 97,6				
rough surface				1
item Wekded Stainless Steel Pipes OD 38,1 - ID 35,1				
dent mark on product surface				1
Total Found:		0	0	2
Allowed:		0	7	10

Defect Photos

	
defect-item Wekded Stainless Steel Pipes OD 38,1 - ID 35,1-dent mark on product surface-mi	defect-item Wekded Stainless Steel Pipes OD 101,6 - ID 97,6-rough surface-m

3. Style, Color & Documentation	Not Conform		
DESCRIPTION	Conform	Not Conform	Pending
The inspected samples were consistent with	-	-	-
Product Specification	x		
PI	x		
General requirement		x	

4. Field Test			Pending			
Item	Specification	Sample Size	Conform	Not Conform	Pending	
1)	Carton dimension check	1 carton/item	x			
2)	Carton gross weight check	1 carton/item			x	
3)	Product dimension check	2 samples/item	x			
4)	Product weight check	2 samples/item	x			
5)	Material check	2 samples/item	x			
6)	High-pressure check	2 samples/item	x			
7)	Tape test	2 samples/item			x	
8)	Quantity per carton check	1 carton/item	x			

Item	Characteristic	Spec	Actual found
Wekded Stainless Steel Pipes OD 38,1 - ID 35,1	carton dimension(cm)	-	-
	Product dimension(mm)	Total size:38.1x6000 OD:38.1 ID:35.1 T:1.5	Total size:Dia38.10x6005/38.10x6005 OD:38.10/38.12 ID:35.10/35.10 T:1.50/1.51
	Product weight(kg)	-	8.1/8.2
	Material	Ti:0.00-0.20 Cr:16.00-18.00 Mn:0.00-2.00 Fe:60.00-73.00 Ni:10.00-14.00	Ti:0.06/0.06 V:0.06/0.06 Cr:16.56,16.55 Mn:1.10/1.05 Fe:71.92/71.77 Co:<0.00/<0.00 Ni:10.55/10.49 Cu:0.37/0.38 Nb:0.02/0.02
Wekded Stainless Steel Pipes OD 25,4 - ID 22,4	carton dimension(cm)	-	73x84x605
	Product dimension(mm)	Total size:25.4x6000 OD:25.4 ID:22.4 T:1.5	Total size:dia25.37x6010/25.37x6010 OD:25.37/25.37 ID:22.37/22.39 T:1.50/1.51
	Product weight(kg)	-	6.0
	Material	Ti:0.00-0.20 Cr:16.00-18.00 Mn:0.00-2.00 Fe:60.00-73.00 Ni:10.00-14.00	Ti:0.05/0.05 V:0.01/0.01 Cr:16.90/16.75 Mn:1.00/1.11 Fe:72.23/71.99 Co:<0.00/<0.00 Ni:10.64/10.51 Cu:0.31/0.30 Nb:0.00/0.00
Wekded Stainless Steel Pipes OD 101,6 - ID 97,6	carton dimension(cm)	-	605x74x75
	Product dimension(mm)	Total size:101.6x6000 OD:101.6 ID:97.6 T:2	Total size:dia:101.80x6015/101.79x6015 OD:101.80/101.77 ID:97.60/97.58 T:2.00/1.98
	Product weight(kg)	-	29.7/29.7
	Material	Ti:0.00-0.20 Cr:16.00-18.00 Mn:0.00-2.00 Fe:60.00-73.00 Ni:10.00-14.00	Ti:0.04/0.04 V:0.01/0.01 Cr:16.80/16.85 Mn:1.03/1.07 Fe:71.78/72.01 Co:<0.00/<0.00 Ni:10.52/10.55 Cu:0.31/0.31 Nb:0.02/0.01
Wekded Stainless Steel Pipes OD76,2-ID72,2	carton dimension(cm)	-	73x85x605
	Product dimension(mm)	Total size:76.2x6000 OD:76.2 ID:72.2 T:2	Total size:76.18x6013/76.20x6012 OD:76.12/76.27 ID:72.47/72.22 T:2.00/1.97
	Product weight(kg)	-	21.5/21.5

	Material	Ti:0.00-0.20 Cr:16.00-18.00 Mn:0.00-2.00 Fe:60.00-73.00 Ni:10.00-14.00	Ti:0.08/0.06 V:0.07/0.06 Cr:17.19/16.52 Mn:1.08/1.04 Fe:72.15/72.04 Co:<0.00/<0.00 Ni:10.40/10.51 Cu:0.47/0.42 Nb:<0.00/<0.00
Wekded Stainless Steel Pipes OD 63,5 - ID 60,5	carton dimension(cm)	-	73x85x605
	Product dimension(mm)	Total size:63.5x6000 OD:63.5 ID:60.5 T:1.5	Total size:63.46x6020/63.48x6016 OD:63.46/63.48 ID:60.44/60.47 T:1.50/1.51
	Product weight(kg)	-	41.0/14.1
	Material	Ti:0.00-0.20 Cr:16.00-18.00 Mn:0.00-2.00 Fe:60.00-73.00 Ni:10.00-14.00	Ti:0.03/0.05 V:0.04/0.04 Cr:16.86/17.00 Mn:1.11/1.10 Fe:72.10/72.15 Co:<0.00/<0.00 Ni:10.42/10.50 Cu:0.35/0.37 Nb:0.01/0.01
Wekded Stainless Steel Pipes OD 50,8 - ID 47,8	carton dimension(cm)	-	61x74x610
	Product dimension(mm)	Total size:50.8x6000 OD:50.8 ID:47.8 T:1.5	Total size:50.78x6005/50.80x6004 OD:50.78/50.80 ID:47.78/47.80 T:1.50/1.51
	Product weight(kg)	-	11.0/11.0
	Material	Ti:0.00-0.20 Cr:16.00-18.00 Mn:0.00-2.00 Fe:60.00-73.00 Ni:10.00-14.00	Ti:0.09/0.07 V:0.03/0.03 Cr:16.77/16.65 Mn:1.10/1.11 Fe:72.42/72.08 Co:<0.00/<0.00 Ni:10.14/10.21 Cu:0.35/0.35 Nb:0.00/0.00
Stainless Steel Rectangular Pipes 100 x 60 x 2	carton dimension(cm)	-	74x85x605
	Product dimension(mm)	Total size:100x60x6000 T:2	Total size:100x60x6010/100x60x6008 T:1.98/2.00
	Product weight(kg)	-	28.1/28.0
	Material	Ti:0.00-0.10 Cr:17.00-20.00 Mn:0.00-2.00 Fe:65.00-76.00 Ni:8.00-10.00 Nb:0.00-0.10	Ti:0.05/0.05 V:0.05/0.04 Cr:18.79/18.66 Mn:0.93/1.01 Fe:70.44/69.38 Co:<0.00/<0.00 Ni:8.04/8.02 Cu:0.01/0.01 Nb:0.00/0.01

Stainless Steel Rectangular Pipes 100 x 80 x 3	carton dimension(cm)	-	74x85x605
	Product dimension(mm)	Total size:100x80x6000 T:3	Total size:100x80x6010/100x80/6008 T:3.00/2.99
	Product weight(kg)	-	46.1/46.1
	Material	Ti:0.00-0.10 Cr:17.00-20.00 Mn:0.00-2.00 Fe:65.00-76.00 Ni:8.00-10.00 Nb:0.00-0.10	Ti:0.04/0.05 V:0.04/0.04 Cr:18.65/18.71 Mn:0.99/0.97 Fe:69.85/71.21 Co:<0.00/<0.00 Ni:8.02/8.02 Cu:0.01/0.01 Nb:0.00/0.02
Stainless Steel Rectangular Pipes 50 x 50 x 2	carton dimension(cm)	-	74x85x605
	Product dimension(mm)	Total size:50x50x6000 T:2	Total size:50x50x6000/50x50x6002 T:2.00/2.00
	Product weight(kg)	-	18.5/18.4
	Material	Ti:0.00-0.10 Cr:17.00-20.00 Mn:0.00-2.00 Fe:65.00-76.00 Ni:8.00-10.00 Nb:0.00-0.10	Ti:0.06/0.05 V:0.03/0.04 Cr:18.59/18.68 Mn:1.00/0.98 Fe:70.02/71.13 Co:<0.00/<0.00 Ni:8.04/8.04 Cu:0.01/0.01 Nb:0.02/0.01

5. Shipping Mark & Packaging

Conform

1) Shipping mark photos



2) Packaging photos

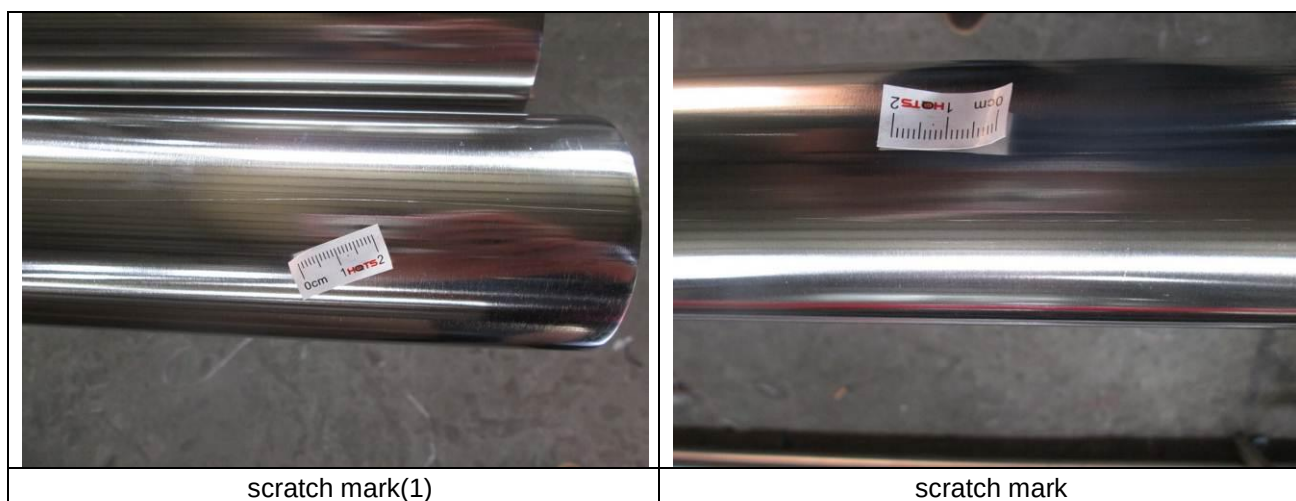


3) Remark:

Only item no. Wekded Stainless Steel Pipes OD 63,5 - ID 60,5 is listed here for your reference. For other items please refer to photos attached.

6. Reference Note

1)	Carton no. was not assigned yet.
2)	The factory did not allow us to obtain a production sample for HQTs own reference.
3)	The check item weight is conducted by using the testing appliance(s) without verification which provided by the factory.
4)	The factory claimed packing list/carton would be stuck on wood carton before shipment.
5)	For all items, 100% inspected samples were found slight scratch mark on product surface, details refer to the photos as below:



scratch mark(1)

scratch mark

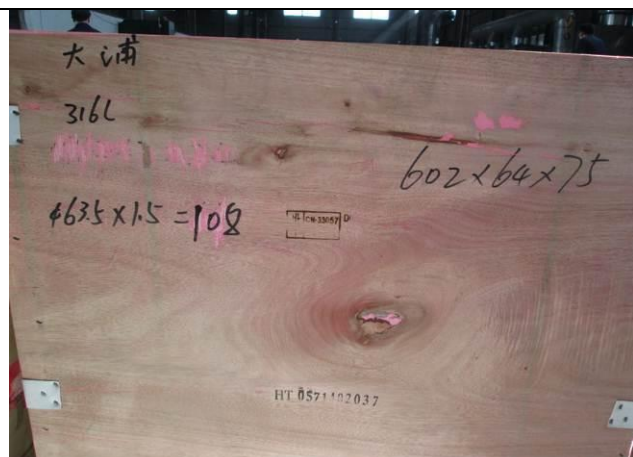
7. Photos



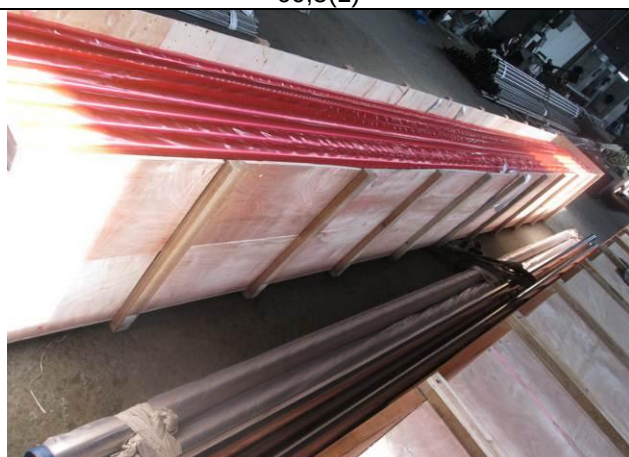
warehouse



item Wekded Stainless Steel Pipes OD 63,5 - ID 60,5(1)



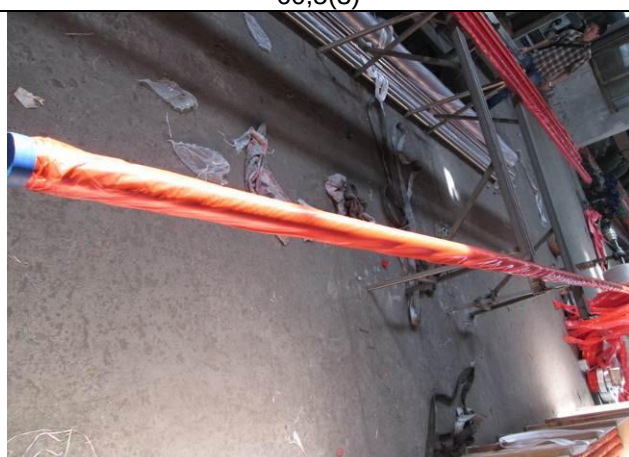
item Wekded Stainless Steel Pipes OD 63,5 - ID 60,5(2)



item Wekded Stainless Steel Pipes OD 63,5 - ID 60,5(3)



item Wekded Stainless Steel Pipes OD 63,5 - ID 60,5(4)



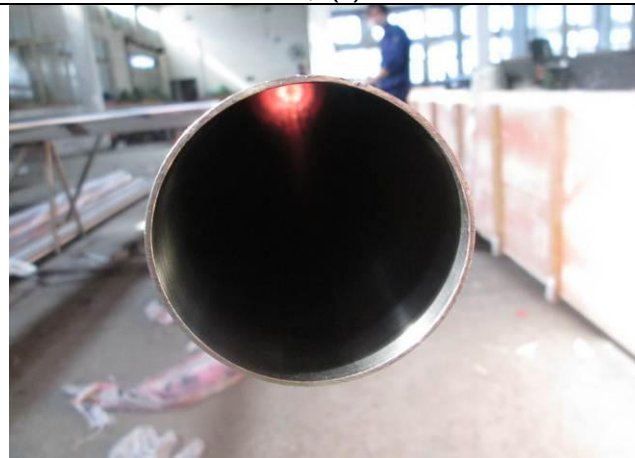
item Wekded Stainless Steel Pipes OD 63,5 - ID 60,5(5)



item Wekded Stainless Steel Pipes OD 63,5 - ID 60,5(6)



item Wekded Stainless Steel Pipes OD 63,5 - ID 60,5(7)



item Wekded Stainless Steel Pipes OD 63,5 - ID 60,5(8)



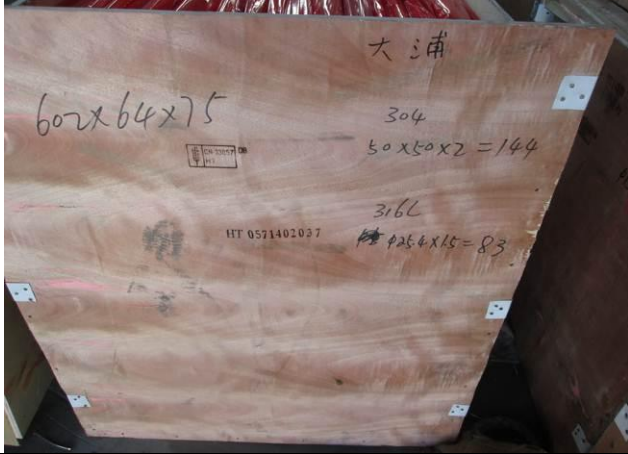
item Wekded Stainless Steel Pipes OD 63,5 - ID 60,5(9)



item Wekded Stainless Steel Pipes OD 63,5 - ID 60,5(10)



item Stainless Steel Rectangular Pipes 50 x 50 x 2(1)



item Stainless Steel Rectangular Pipes 50 x 50 x 2(2)



item Stainless Steel Rectangular Pipes 50 x 50 x 2(3)



item Stainless Steel Rectangular Pipes 50 x 50 x 2(4)



item Stainless Steel Rectangular Pipes 50 x 50 x 2(5)



item Stainless Steel Rectangular Pipes 50 x 50 x 2(6)



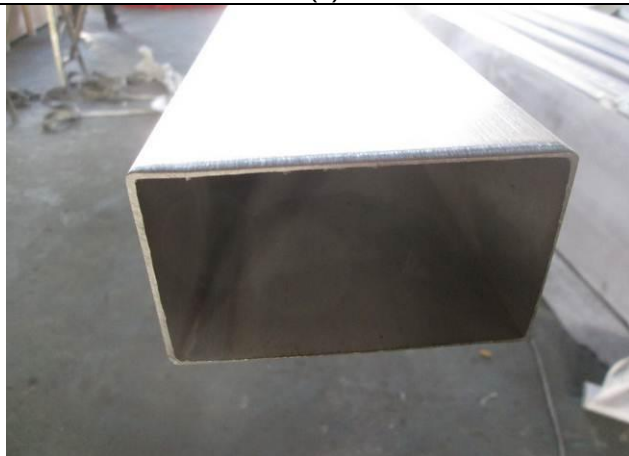
item Stainless Steel Rectangular Pipes 50 x 50 x 2(7)



item Stainless Steel Rectangular Pipes 50 x 50 x 2(8)



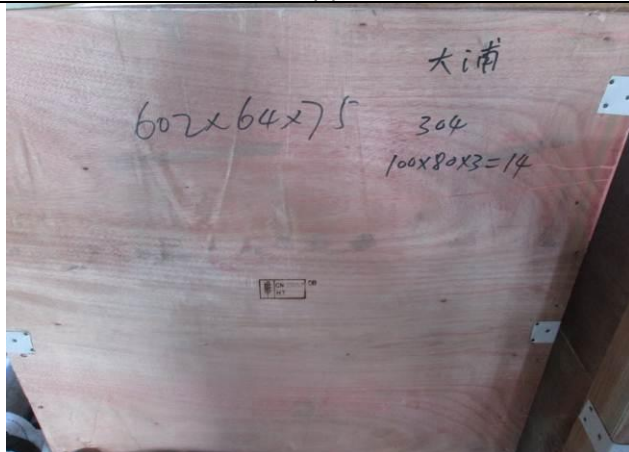
item Stainless Steel Rectangular Pipes 100 x 60 x 2(1)



item Stainless Steel Rectangular Pipes 100 x 60 x 2(2)



item Stainless Steel Rectangular Pipes 100 x 60 x 2(3)



item Stainless Steel Rectangular Pipes 100 x 80 x 3(1)



item Stainless Steel Rectangular Pipes 100 x 80 x 3(2)



item Stainless Steel Rectangular Pipes 100 x 80 x 3(3)



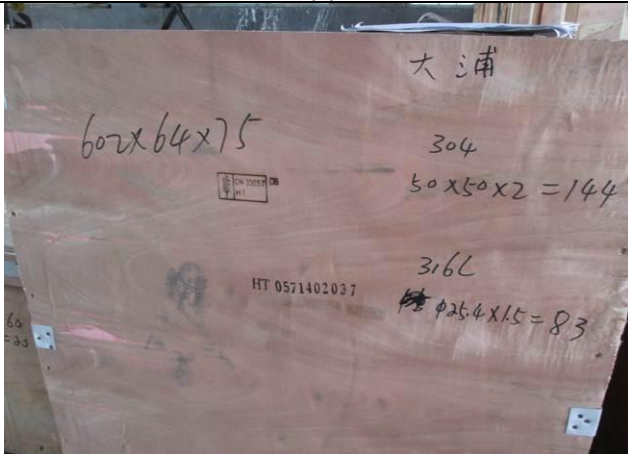
item Stainless Steel Rectangular Pipes 100 x 80 x 3(4)



item Stainless Steel Rectangular Pipes 100 x 80 x 3(5)



item Stainless Steel Rectangular Pipes 100 x 80 x 3(6)



item Wekded Stainless Steel Pipes OD 25,4 - ID 22,4(1)



item Wekded Stainless Steel Pipes OD 25,4 - ID 22,4(2)



item Wekded Stainless Steel Pipes OD 25,4 - ID 22,4(3)



item Wekded Stainless Steel Pipes OD 25,4 - ID 22,4(4)



item Wekded Stainless Steel Pipes OD 25,4 - ID 22,4(5)



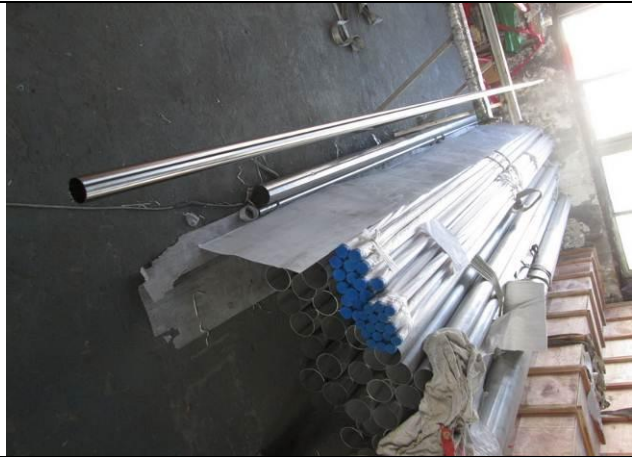
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item Wekded Stainless Steel Pipes OD 38,1 - ID 35,1(1)



item Wekded Stainless Steel Pipes OD 38,1 - ID 35,1(2)



item Wekdde Stainless Steel Pipes OD 38,1 - ID 35,1(3)



item Wekdde Stainless Steel Pipes OD 38,1 - ID 35,1(4)



item Wekdde Stainless Steel Pipes OD 38,1 - ID 35,1(5)



item Wekdde Stainless Steel Pipes OD 38,1 - ID 35,1(6)



item Wekdde Stainless Steel Pipes OD 50,8 - ID 47,8(1)



item Wekdde Stainless Steel Pipes OD 50,8 - ID 47,8(2)



item Wekdde Stainless Steel Pipes OD 50,8 - ID 47,8(3)



item Wekdde Stainless Steel Pipes OD 50,8 - ID 47,8(4)



item Wekdde Stainless Steel Pipes OD 50,8 - ID 47,8(5)



item Wekdde Stainless Steel Pipes OD 50,8 - ID 47,8(6)



item Wekdde Stainless Steel Pipes OD 50,8 - ID 47,8(7)



item Wekdde Stainless Steel Pipes OD 50,8 - ID 47,8(8)



item Wekdde Stainless Steel Pipes OD 101,6 - ID 97,6(1)



item Wekdde Stainless Steel Pipes OD 101,6 - ID 97,6(2)



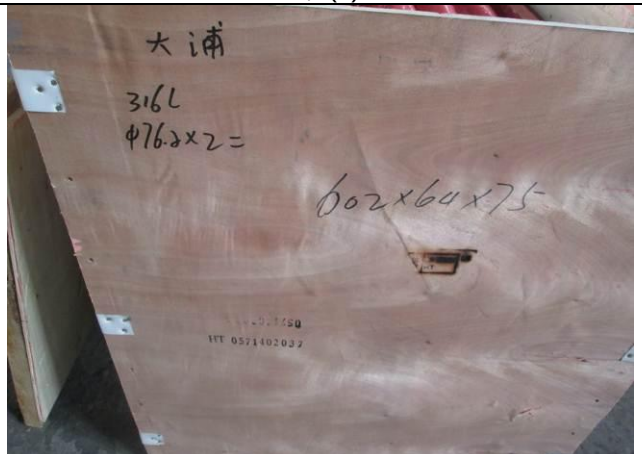
item Wekdde Stainless Steel Pipes OD 101,6 - ID 97,6(3)



item Wekdde Stainless Steel Pipes OD 101,6 - ID 97,6(4)



item Wekdde Stainless Steel Pipes OD76,2-ID72,2(1)



item Wekdde Stainless Steel Pipes OD76,2-ID72,2(2)



item Wekded Stainless Steel Pipes
OD76,2-ID72,2(3)



item Wekded Stainless Steel Pipes
OD76,2-ID72,2(4)



item Wekded Stainless Steel Pipes
OD76,2-ID72,2(5)



item Wekded Stainless Steel Pipes
OD76,2-ID72,2(6)



item Wekded Stainless Steel Pipes
OD76,2-ID72,2(7)



item Wekded Stainless Steel Pipes
OD76,2-ID72,2(8)



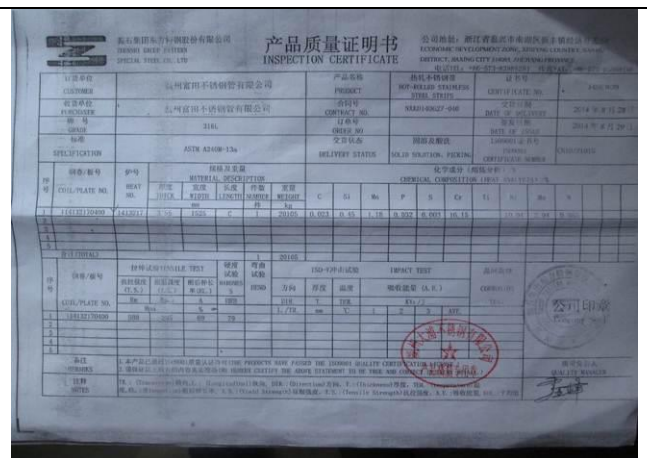
item Wekded Stainless Steel Pipes
OD76,2-ID72,2(9)



certificate(1)



certificate(2)



certificate(3)



certificate(4)



OD check



ID check



thickness check



length check(1)



length check(2)



high-pressure check



material check(1)

 SS316 完全匹配 (1/1) <table><thead><tr><th>元素</th><th>%</th><th>+/-</th><th>含量范围</th></tr></thead><tbody><tr><td>Ti</td><td>0.06</td><td>0.018</td><td>0.00 - 0.20</td></tr><tr><td>V</td><td>0.06</td><td>0.019</td><td></td></tr><tr><td>Cr</td><td>16.56</td><td>0.134</td><td>16.00 - 18.00</td></tr><tr><td>Mn</td><td>1.10</td><td>0.053</td><td>0.00 - 2.00</td></tr><tr><td>Fe</td><td>71.92</td><td>0.163</td><td>60.00 - 73.00</td></tr><tr><td>Co</td><td><0.00</td><td>0.045</td><td></td></tr><tr><td>Ni</td><td>10.55</td><td>0.130</td><td>10.00 - 14.00</td></tr><tr><td>Cu</td><td>0.37</td><td>0.029</td><td></td></tr><tr><td>Si</td><td>0.02</td><td>0.003</td><td></td></tr></tbody></table> 工前 原单	元素	%	+/-	含量范围	Ti	0.06	0.018	0.00 - 0.20	V	0.06	0.019		Cr	16.56	0.134	16.00 - 18.00	Mn	1.10	0.053	0.00 - 2.00	Fe	71.92	0.163	60.00 - 73.00	Co	<0.00	0.045		Ni	10.55	0.130	10.00 - 14.00	Cu	0.37	0.029		Si	0.02	0.003		N/A
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material check(2)																																									

Inspector:	1086	Auditor:	026
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End of Report