

Inspection certificate EN 10204 3.1

Order Information

Customer LRI (La Robinetterie Industrielle) 27 Rue Cuvier 93107, Montreuil Cedex France	Customer order No. / Line No. 531192 /	Supplier order No. / Line No. CO161231 / 100	Supplier OSTP FINLAND OY AB POHJANTIE 11 68600, PIETARSAARI Finland
	Customer item No.	Supplier item No. 6013225	
	Manufacturing lot No. 7036624	Quantity 90 m	
Product designation Welded Pipe 219,1x2 EN 1.4307/304L OT100 EN 10217-7 TC1 EN ISO 1127 D2/T3 In random lengths of 6 m, Not Heat Treated, Pickled OD&ID		Product marking OSTP Batch:7036624 219,10 x 2,00 EN 10217-7 TC1 1.4307/1.4301 /304L/304 W2 v= 1,0 QA Made in Finland	
Shipment number SHI1111296	Dimension 219.10 x 2.00	Manufacturing Standard EN 10217-7 TC1	Tolerance Standard EN ISO 1127 D2/T3
Manufacturer's Mark OSTP	Delivery Condition W2	Manufacturing Process	Melting Process AOD

Mechanical, physical and functional properties

EN 10217-7 NHT 1.4307 Tensile Test 20C EN ISO 6892-1:B						
Characteristic	Facility	Tests	Req.	Unit		
Test No.					10453	10454
Position					LB	TB
Thickness		2		mm	2	2
Width		2			13	13
Yield strength Rp0.2		2	Min: 180	MPa	372	374
Yield Strength Rp1.0		2	Min: 215	MPa	414	436
Tensile strength Rm		2	Min: 485 Max: 740	MPa	690	666
Elongation (A)		2	Min: 40	%	54.7	57.6
Bend Test EN ISO 5173						
Characteristic	Facility	Tests	Req.	Unit		
Face Bend		1	OK / NOK		OK	
Root Bend		1	OK / NOK		OK	
Intergranular Corrosion Test EN ISO 3651-2:A						
Characteristic	Facility	Tests	Req.	Unit		
Corrosion test		1	OK / NOK		OK	
Eddy current test EN ISO 10893-2 E1H/ EN ISO 10893-1:B						
Characteristic	Facility	Tests	Req.	Unit		
Eddy current Test		1	OK / NOK		OK	
Visual/Dimensional inspection, Material identification test						
Characteristic	Facility	Tests	Req.	Unit		
Visual inspection		1	OK / NOK		OK	
Dimensional inspection		1	OK / NOK		OK	
PMI test		1	OK / NOK		OK	

Material properties

Material charge No		Applied standard						Test facility		
60356		Grade 1.4307 / 1.4301								
Substance(%)	C	Si	Mn	P	S	Cr	Ni	N	Co	Cu
Result	0.023	0.45	1.27	0.035	0.001	18.1	8.0	0.073	0.18	0.46

Validation by Authorized representative

The inspection/tests were performed on samples representative of this manufacturing lot number. The products delivered are in compliance with the order and have been manufactured in accordance with the relevant standards.		
Name	Function	Date
Jyrki Sironen	ESQ Manager	2024-01-17

Jyrki Sironen

Transition to inspection certificate DIN EN 10204-3.1 acc. to AD 2000-Merkblatt W2, section 6.2.2; letter of agreement by TÜV NORD Systems; SAP No.: 8121366997. Approved acc. to AD 2000-Merkblatt W0 and certified acc. to Pressure Equipment Directive 2014/68/EU by TÜV NORD, notified body, reg.no. 0045.
Weld procedures acc. to EN ISO 15614, weld personnel acc. to EN ISO 14732 and EN ISO 9806-1 and NDT personnel acc. to EN ISO 9712 are approved by a notified body. Radioactive contamination check done acc. IAEA recommendations



**CONTRÔLE RÉCEPTION**

DATE DE CONTRÔLE: 18/01/2024

CONTRÔLEUR : CT

CODE ART. : TURS4LBMW219.12

COULÉE N°/LOT N° : 7036624

531192 90M