



QUALITY CERTIFICATE

DELIVERY NOTE / CERTIFICATE N°

496892

INSPECTION CERTIFICATE AS PER THE NORM EN 10204

2.2

PRODUCT LENGTHWISE WELDED STEEL TUBE	DATE 18/10/19	CUSTOMER OY KONTINO AB HAKINTIE 6 01301 FI-01301 VANTAA - FINLAND	Drift expanding test in accordance with ISO 8493 Flattening test in accordance with ISO 8492 Eddy current testing in accordance with ISO 10893 - 2
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Nr.	ORDER REFERENCE	DIMENSION	NORM QUALITY	CUSTOMER REF. OTHER NORMS	MANUFACTURING ORDER CAST	CHEMICAL COMPOSITION										MECHANICAL TESTS			
						C	Mn	Si	P	S	Al	Nb	V	Ti	Re	Rm	A	HRB	
						% X 100										% X 1000			
1	648057 1113356	30,00x 30/ 1, \varnothing N 10305-5 L. 6000,0	E220	P930449 0319J9K2060	P930449 0319J9K2060	max. 14 4	max. 70 2.3	max. 350 1.0	max. 25 1.9	max. 25 4	min. 15 2.9	0	1	0	282	385	34	23	
2	648057 1113356	50,00x 50/ 2, \varnothing N 10305-5 L. 6000,0	E220	P930845 0638540	P930845 0638540	max. 14 3	max. 70 2.6	max. 350 1.0	max. 25 1.0	max. 25 15	min. 15 4.0	0	2	0	339	420	27	23	
3	648057 1113356	25,00x 25/ 1, \varnothing N 10305-5 L. 6000,0	E-220	P930819 0619400956	P930819 0619400956	max. 14 4	max. 70 1.1	max. 350 6	max. 25 1.1	max. 25 6	min. 15 4.2	0	0	0	260	360	34	23	
4	648057 1113356	19,00/ 1,50 L. 6000,0	EN 10305-3 S3 E220	P920781 02SP21223	P920781 02SP21223	max. 14 4	max. 70 1.9	max. 350 3	max. 25 1.1	max. 25 4	min. 15 2.2	0	0	0	270	371	42	23	
5	648057 1113356	32,00/ 1,50 L. 6000,0	EN 10305-3 E220 +2275	P840909 0118101323	P840909 0118101323	max. 18 5	max. 120 2.6	max. 500 2.0	max. 120 1.0	max. 45 5		0	0	0	254	412	25	23	
6	648057 1113356	40,00x 40/ 1, \varnothing N 10305-5 L. 6000,0	E220	P930679 0419J9K5A13	P930679 0419J9K5A13	max. 14 4	max. 70 2.2	max. 350 1.0	max. 25 1.9	max. 25 3	min. 15 3.9	0	1	0	332	404	31	23	
7	648057 1113356	40,00x 40/ 2, \varnothing N 10305-5 L. 6000,0	E220	P930169 1328855	P930169 1328855	max. 14 4	max. 70 2.9	max. 350 9	max. 25 1.3	max. 25 1.3	min. 15 4.9	1	1	3	281	385	33	23	
8	648057 1113356	50,00x 50/ 1, \varnothing N 10305-5 L. 6000,0	E220	P930840 0238242	P930840 0238242	max. 14 4	max. 70 2.7	max. 350 9	max. 25 8	max. 25 1.0	min. 15 5.8	1	1	2	338	403	31	23	
9	648057 1113356	40,00/ 2,00 L. 6000,0	EN 10305-3 E220	P930430 01AB8093	P930430 01AB8093	max. 14 7	max. 70 4.4	max. 350 1.0	max. 25 2.2	max. 25 2	min. 15 2.6	0	0	0	471	505	25	23	
10	648057 1113356	30,00x 15/ 1, \varnothing N 10305-5 L. 6000,0	E220	P940080 2619400964	P940080 2619400964	max. 14 3	max. 70 1.1	max. 350 9	max. 25 1.6	max. 25 4	min. 15 4.8	0	0	0	263	338	35	23	
11	648057 1113356	60,00x 40/ 2, \varnothing N 10305-5 L. 6000,0	E220	P940011 0138258	P940011 0138258	max. 14 4	max. 70 2.9	max. 350 9	max. 25 9	max. 25 1.3	min. 15 5.4	1	1	3	367	422	29	23	
12	648057 1113356	20,00x 20/ 1, \varnothing N 10305-5 L. 6000,0	S3 E220	P921011 0219400956	P921011 0219400956	max. 14 4	max. 70 1.1	max. 350 6	max. 25 1.1	max. 25 6	min. 15 4.2	0	0	0	260	360	34	23	
13	648057 1113356	80,00x 40/ 2, \varnothing N 10305-5 L. 6000,0	E220	P920395 0121539	P920395 0121539	max. 14 6	max. 70 2.3	max. 350 1.0	max. 25 6	max. 25 9	min. 15 4.0	0	0	0	297	363	29	23	
14	648057 1113356	25,00/ 1,50 L. 6000,0	EN 10305-3 E220	P930867 10960166	P930867 10960166	max. 14 5	max. 70 3.5	max. 350 1.7	max. 25 7	max. 25 5	min. 15 5.2	22	0	0	352	421	34	23	

ABOVE MATERIAL IS IN ACCORDANCE WITH THE SPECIFICATION OF THE PURCHASE ORDER.

COMMENTS

QUALITY DEPARTMENT