

INSPECTION CERTIFICATE 3.1

ACCORDING TO EN 10204

ISO 9001 and ISO/TS 16949 approved,
certified by Lloyd's Register LRQA

Delivery address OVAKO METALS OY AB TUOTEKATU 3 FI-33840 TAMMERFORS Intended for OVAKO METALS OY AB Specification Product COLD ROLLED STRESS RELIEVE ANNEALED TUBES.	Date 171211 Our order 1794316 Your order 005075 Ovako grade 280T	Cert number C6244140 Pos 1 Grade	Ver 1	Page 1																																																		
Check of radioactivity has been performed.																																																						
Extent of delivery																																																						
<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Type No</td> <td style="width: 20%;">OD mm</td> <td style="width: 20%;">ID mm</td> <td style="width: 20%;"></td> <td style="width: 20%;"></td> </tr> <tr> <td>3525</td> <td>35,70</td> <td>23,50</td> <td></td> <td></td> </tr> <tr> <td>Quantity kg</td> <td>Net weight Kg</td> <td>MO number</td> <td colspan="2">Heat Number</td> </tr> <tr> <td>1028,0</td> <td>1028,0</td> <td>2284630</td> <td colspan="2">G4887</td> </tr> </table> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Heat number</td> <td colspan="5">Chemical composition</td> </tr> <tr> <td>G4887</td> <td>C %</td> <td>Si %</td> <td>Mn %</td> <td>P %</td> <td>S %</td> </tr> <tr> <td></td> <td>0,19</td> <td>0,38</td> <td>1,49</td> <td>0,005</td> <td>0,023</td> </tr> <tr> <td></td> <td>V %</td> <td colspan="4"></td> </tr> <tr> <td></td> <td>0,092</td> <td colspan="4"></td> </tr> </table>					Type No	OD mm	ID mm			3525	35,70	23,50			Quantity kg	Net weight Kg	MO number	Heat Number		1028,0	1028,0	2284630	G4887		Heat number	Chemical composition					G4887	C %	Si %	Mn %	P %	S %		0,19	0,38	1,49	0,005	0,023		V %						0,092				
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Date	Cert number	Heat number	Ver	Page
171211	C6244140	G4887	1	2
Sample				
10				
MECHANICAL TEST RESULTS				
Sample				
	A5 %	ReH N/mm2	Rm N/mm2	
10	17,0	920	929	
11	17,0	931	931	
HARDNESS HB				
Sample				
	HB			
10	294			
11	302			
IMPACT TEST, KV IN JOULE, LONGITUDINAL				
Sample				
	KV+20°C			
10	150			
110	164			
120	160			
Printed by computer		The requirements stipulated are satisfied		Issuer of certificate A000240