

# 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	Date 180903  Our order 1893835	Cert number C6261692  Pos 1	Ver 1	Page 1
Intended for OVAKO METALS OY AB	Your order 008896	Your art.number 55-1751700		
Specification OVAKO 280 FULFIL ALL REQUIREMENTS OF EN1 0294 E470 & EN10267.	Ovako grade 280T	Grade 19MNV56/280T		
Product HOT ROLLED TUBES.				
Check of radioactivity has been performed.				

### Extent of delivery

<b>Type No</b> 135110	<b>OD mm</b> 136,90	<b>ID mm</b> 106,60		
<b>Quantity kg</b> 321,0	<b>Net weight Kg</b> 321,0	<b>MO number</b> 2288549	<b>Heat Number</b> G9795	
<b>OD mm</b> 136,90	<b>ID mm</b> 106,60			

### Heat number      Chemical composition

<b>G9795</b>	<b>C %</b> 0,18	<b>Si %</b> 0,31	<b>Mn %</b> 1,51	<b>P %</b> 0,006	<b>S %</b> 0,025
	<b>Cr %</b> 0,24	<b>Ni %</b> 0,06	<b>Mo %</b> 0,04	<b>Cu %</b> 0,096	<b>V %</b> 0,094
	<b>CE</b> 0,510				

Continue...

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Date	180903	Cert number	C6261692	Heat number	G9795	Ver	1	Page	2
<b>MECHANICAL TEST RESULTS</b>									
<b>Sample</b>									
	A5 %	ReH N/mm2	Rm N/mm2	Z %					
10	21,0	520	718	64					
<b>HARDNESS HB</b>									
<b>Sample</b>									
	HB								
10	239								
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<b>MECHANICAL TEST RESULTS</b>									
<b>Sample</b>									
	<b>A5 %</b>	<b>ReH N/mm2</b>	<b>Rm N/mm2</b>	<b>Z %</b>					
10	20,7	537	752	61					
<b>HARDNESS HB</b>									
<b>Sample</b>									
	<b>HB</b>								
10	245								
Printed by computer					The requirements stipulated are satisfied			Issuer of certificate Mats Thøgersen	