

# INSPECTION CERTIFICATE 3.1

## ACCORDING TO EN 10204

ISO 9001 and IATF 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 OVAKO 280 HOLLOW BARS FOR MACHINING, HOT FINISHED SEAMLESS TUBES ACCORDING TO EN 10294-1:2005, E470  Product COLD ROLLED STRESS RELIEVE ANNEALED TUBES.	Date 200127  Our order 2092531  Your order 014378	Cert number C6292746  Pos 1  Ovako grade 280T	Ver 1  Your art.number 55-1770594  Grade OVAKO 280	Page 1	
Check of radioactivity has been performed.					
Extent of delivery		Country of origin, Sweden			
<b>Type No</b>	<b>OD mm</b>	<b>ID mm</b>			
3525	35,70	23,50			
<b>Quantity kg</b>	<b>Net weight Kg</b>	<b>MO number</b>	<b>Heat Number</b>		
1026,0	1026,0	3275248	P6330		
<b>Heat number</b>	<b>Chemical composition</b>				
<b>P6330</b>	<b>C %</b>	<b>Si %</b>	<b>Mn %</b>	<b>P %</b>	<b>S %</b>
	0,17	0,30	1,46	0,008	0,024
	<b>V %</b>	<b>Al %</b>	<b>O ppm</b>		
	0,092	0,031	5,8		
<i>Continue...</i>					
Printed by computer		The requirements stipulated are satisfied		Issuer of certificate certhofors@ovako.com	

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Date	Cert number	Heat number	Ver	Page
200127	C6292746	P6330	1	2
<b>MECHANICAL TEST RESULTS</b>				
<b>Sample</b>				
	<b>A5 %</b>	<b>ReH N/mm<sup>2</sup></b>	<b>Rm N/mm<sup>2</sup></b>	
10	17,9	800	836	
11	20,6	783	829	
<b>HARDNESS HB</b>				
<b>Sample</b>				
	<b>HB</b>			
10	284			
11	284			
Printed by computer		The requirements stipulated are satisfied		Issuer of certificate certhofors@ovako.com