

C E R T I F I C A T E

Päiväys: 9.11.2018

Meidän tilausnumero: 0546824
Asiakkaan tilausnumero: Airisto, 003314

TAMMINIITTY OY
ATT: AINE
KETJUTIE 4
FI-27710 KÖYLIÖ

Rivi	Tuote	Kuvaus	Viite	Sulatusnumero
1	1303102576	AINESPUTKI EN10294 E470 70X40 3-6 M		P2442

Pyydetyt todistukset yllä oleville tilauksille lähetetään teille.

BE Group Oy Ab
PL 54 Laiturikatu 2
FI-15101 LAHTI

Puhelinnumero: +358 3 825200
Faksinumero: +358 3 8252503

certificates@begroup.fi

INSPECTION CERTIFICATE 3.1 ACCORDING TO EN 10204

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

Delivery address BE GROUP OY AB PAAKARLANTIE 3 FI-20245 TURKU FINLAND Intended for BE GROUP OY AB Specification Product HOT ROLLED TUBES.	Date 180827 Our order 1867258 Your order PO62921 Ovako grade 280X	Cert number C6261339 Pos 6 Your art.number 1303102576 Grade E470	Ver 1	Page 1																																																																					
<div style="border: 1px solid black; display: inline-block; padding: 2px 10px;">Check of radioactivity has been performed.</div>																																																																									
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 colspan="2"></td> </tr> <tr> <td>7040</td> <td>72,50</td> <td>36,70</td> <td colspan="2"></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>3896,0</td> <td>3896,0</td> <td>3472878</td> <td colspan="2">P2442</td> </tr> <tr> <td>OD mm</td> <td>ID mm</td> <td colspan="3"></td> </tr> <tr> <td>72,50</td> <td>36,70</td> <td colspan="3"></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 rowspan="3">P2442</td> <td>C %</td> <td>Si %</td> <td>Mn %</td> <td>P %</td> <td>S %</td> </tr> <tr> <td>0,18</td> <td>0,32</td> <td>1,49</td> <td>0,009</td> <td>0,025</td> </tr> <tr> <td>Cr %</td> <td>Ni %</td> <td>Mo %</td> <td>Cu %</td> <td>V %</td> </tr> <tr> <td>0,25</td> <td>0,15</td> <td>0,06</td> <td>0,096</td> <td>0,094</td> </tr> <tr> <td></td> <td>Al %</td> <td>N ppm</td> <td>CE</td> <td colspan="2"></td> </tr> <tr> <td></td> <td>0,032</td> <td>99</td> <td>0,520</td> <td colspan="2"></td> </tr> </table>					Type No	OD mm	ID mm			7040	72,50	36,70			Quantity kg	Net weight Kg	MO number	Heat Number		3896,0	3896,0	3472878	P2442		OD mm	ID mm				72,50	36,70				Heat number	Chemical composition					P2442	C %	Si %	Mn %	P %	S %	0,18	0,32	1,49	0,009	0,025	Cr %	Ni %	Mo %	Cu %	V %	0,25	0,15	0,06	0,096	0,094		Al %	N ppm	CE				0,032	99	0,520		
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Date	180827	Cert number	C6261339	Heat number	P2442	Ver	1	Page	2
MECHANICAL TEST RESULTS									
Sample									
	A5 %	ReH N/mm2	Rm N/mm2	Z %					
10	21,9	522	723	65					
HARDNESS HB									
Sample									
	HB								
10	234								
Printed by computer					The requirements stipulated are satisfied			Issuer of certificate A000240	