



**TATA STEEL UK LIMITED**  
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A01

# INSPECTION CERTIFICATE

A02

Date	12/ 7/14	Z02
Cert No.	DALZ/14/01281194/1	A03
PLATE REF 6925081		

In Accordance with EN10204 3.1  
 Product manufactured under a Management System approved to ISO 9001

Customer <b>OY LEPPINEN STEEL LTD</b>  TERASTIE 2 FIN-61400 YLISTARO YLISTARO FINLAND	A06	CSI:2864053	Tata Steel Ref. No.	A08	Works Order/Item No.	A08
			615840	461634/001		
			Customers Order No.	A07	Contract No.:- 4/030	
Consignee <b>OY LEPPINEN STEEL LTD</b>  TERASTIE 2 FIN-61400 YLISTARO YLISTARO FINLAND	A11	Inspection OWN	Specification/Product	B01/B02		
			ABRAZO 400			
			STEEL PLATE 6.000m X 2.450m X 10.00mm	Piece Weight 1.154Tonnes	B09-B12	
			Quenched at +930C for 29 mins.			

B06/A10 DL ORDER MARKS :- OY LEPPINEN/TL-741/14/PPU615 84/ABRAZO400/YLISTARO

L=Longitudinal		T=Transverse		Z=Through Thickness		S=Sub-Surface		M=Mid-Thickness		Q=Quarter-Thickness		TH=Third-Thickness		BS=Bottom Surface		A=Supply Condition		N=Normalised		SR=Stress Relieved		SA=Strain Aged										
B08	B07	B07	C00	C02	B05	C11	C12	C14	C13	C02	C01	B05	Charpy Impact	C40	Steelmaking Process:																	
Quantity	Cast/Heat No.	Piece No.	Test Piece No.	Dir	Test Condition	Yield Stress Re	Tensile Strength Rm	Re Rm %	Elong% A Lo =	Dir	Pos	Test Condition	Units	C42	C43	B.O.S. Continuously cast slab.																
		Specification	Min	Max	Other Tests																											
		7343F081	Brinell Hardness HB 388																													
1	J7/8696	7343F081																														
ANALYSIS %		C71-C92		C	Si	Mn	P	S	Cr	Mo	Ni	Tot Al	Cu	Nb	B	Sn	Ti	N	V													CEV
Specification		Min																														
Cast/Heat		Max	.15	.41	1.39	.011	.001	.02	.002	.17	.055	.03	.030	.002	.006	.004	.0055	.061													.41	
Specification		Min																														
		Max																														

SURFACE CONDITION COMPLIES WITH EN10163 CLASS A SUBCLASS 3

On behalf of Tata Steel UK Limited, the manufacturer.  
 These results are certified by Tata Steel UK Limited and comply with the requirements of the Product Description.

Z01

R.J.Preston, Test House Manager, Scunthorpe

Z02