



**TATA STEEL UK LIMITED**  
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A01

# INSPECTION CERTIFICATE

A02

Date	13/ 5/14	Z02
Cert No.	DALZ/14/01272341/1	A03
PLATE REF 6858007		

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
			614790	461048/001		
			Customers Order No.	A07	Contract No.:-	4/118
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 12.00mm	Piece Weight 1.385Tonnes	B09-B12
			Quenched at +930C for 29 mins.			

B06/A10 DL ORDER MARKS :- OY LEPPINEN/TL-727/14/PPU614 79/ABRAZO 400/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	C01	B05	Charpy Impact		C40	Steelmaking Process:								C70		
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 Av.	B.O.S.								Continuously cast slab.	
		Specification		Min	Max											Other Tests								C50-C69	
1	J7/5872	7154D007															Brinell Hardness HB 401								
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	.39	1.37	.010	.004	.03	.002	.02	.029	.01	.033	.002	.002	.029	.0050	.057						.40	
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