

 YESIL MAHALLE SANAYI BOLGESI NO:50 78000 KARABUK, TURKEY	MILL TEST CERTIFICATE		DATE:	9.11.2023
	THE INSPECTION CERTIFICATE AS PER EN 10204 CLAUSE 3.1 CONFORMING TO THE DEFINITION IN EN 10168		REF:	2314986

CUSTOMER:	TO WHOM IT MAY CONCERN
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CERTIFICATE NO:	1734-2023
COMMODITY:	HOT ROLLED STEEL I BEAMS
WE HEREBY DECLARE THAT THE DESCRIBED GOODS ARE PROCESSED WITHOUT INCORPORATING IRON AND STEEL PRODUCTS ORIGINATING IN RUSSIA OR BELARUS AND THAT THE DESCRIBED GOODS ARE IN CONFORMITY WITH EU REGULATION NO. 833/2014 OF 31 JULY 2014 AND ALL SUBSEQUENT AMENDMENTS ACCORDINGLY. Raw Materials of Origin Turkey Name of the Mill and Country: Mescier Demir Çelik San. ve Tic. A.Ş. / Kardemir Karabük Demir Çelik San. ve Tic. A.Ş. and Turkey	

							MECHANICAL PROPERTIES							CHEMICAL COMPOSITION																								
TEST PIECES NO	HEAT NUMBER:	PRODUCT NAME	SIZE IN MM				QUALITY	TENSION TEST				CHARPY TEST(1)		BEND TEST	RE-BEND TEST	FATIGUE TEST	PRODUCT ANALYSIS																					
								ORIENTATION(2)	YIELD S. (Re)	TENSILE S.(Rm)	Rm / Re	ELONGATION	TEST PIECES WIDTH (mm)				AVERAL VALUE (J)	C	Si	Mn	P	S	Ti	Cu	Ni	Cr	Mo	V	Al	W	Nb	N	CARBON EQUIVALENT					
																		%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	(CEV)
																		N/mm2		%																		
1	2312876	I BEAMS			IPE		160,0	S235JR		292,9	414,8	1,42	29,5	5	78				0,10	0,16	0,79	0,019	0,031	0,000	0,06	0,04	0,03	0,003	0,003	0,003	0,000	0,000	0,006	0,25				

MESCIER
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   	CE NUMBER: 2344-CPR-0004 acc. to audit report numbered 17270-09-01/ÇÜ ISO 9001:2015 Certificate No: QMS 19270-01 ISO 27001:2013 Certificate No: 190801059001 SIRIM (Certified to MS EN 10025-2:2011) Certification Number: PC000941 / PC000942	WE HEREBY CERTIFY THAT THE MATERIAL HEREIN HAS BEEN MADE AND TESTED IN ACCORDANCE WITH ABOVE SPECIFICATION AND THE RESULTS OF ALL TEST ARE ACCEPTANCE (1) VALUES ARE FOR KV150 TEST UNDER ROOM TEMPERATURE (2) "L" MEANS "LOGITUDINAL" "T" MEANS "TRANSVERSE" (3) PRODUCTION, ROLLING TOLERANCE AND ANY OTHER DETAILS ARE AS PER ABOVE REFERENCED CONTRACT	MANUFACTURER