



YERİ: MAHİR SAMAN BOĞAZI NO:50 78000 KARABÜK, TÜRKİYE

MILL TEST CERTIFICATE

THE INSPECTION CERTIFICATE AS PER EN 10204 CLAUSE 3.1 CONFORMING TO THE DEFINITION IN EN 10168

CUSTOMER:

TO WHOM IT MAY CONCERN

CERTIFICATE NO:

139-2022

COMMODITY:

HOT ROLLED STEEL, EQUAL ANGLES, HOT ROLLED STEEL, I BEAMS, HOT ROLLED STEEL, U CHANNELS

DATE: 3.02.2022

REF: 1211151

MECHANICAL PROPERTIES										CHEMICAL COMPOSITION																			
TEST PIECES NO	HEAT NUMBER	PRODUCT NAME	SIZE IN MM	QUALITY	TENSION TEST				CHARPY		PRODUCT ANALYSIS																		
					ORIENTATION[2]		Rm / Re	ELONGATION	TEST PIECES WIDTH	VALUE (J/CM ²)	BEND TEST	RE-BEND TEST	FATIGUE TEST	C	Si	Mn	P	S	Ti	Cu	Ni	Cr	Mo	V	Al	W	Nb	N	CARBON EQUIVALENT
					YIELD S. (R _e)	TENSILE S. (R _m)																							
1	2106110	EQUAL ANGLES	63.0 x 63.0 x 5.0	S275JR	306.4	482.1	1.41	32.1						0.12	0.18	0.0532	0.009	0.020	0.004	0.30	0.17	0.13	0.033	0.0044	0.004	0.0001	0.000	0.008	0.28
2	2106135	EQUAL ANGLES	63.0 x 63.0 x 6.0	S275JR	341.2	489.6	1.43	30.2						0.10	0.20	0.0549	0.023	0.022	0.004	0.42	0.12	0.12	0.014	0.00205	0.004	0.0001	0.000	0.008	0.28
3	2106123	EQUAL ANGLES	75.0 x 75.0 x 5.0	S275JR	304.5	489.6	1.46	32.8						0.11	0.18	0.0517	0.010	0.020	0.004	0.38	0.14	0.12	0.014	0.00205	0.004	0.0001	0.000	0.008	0.28
4	2106111	EQUAL ANGLES	75.0 x 75.0 x 6.0	S275JR	306.3	493.3	1.34	29.3						0.11	0.20	0.0531	0.010	0.020	0.004	0.35	0.12	0.12	0.014	0.00205	0.004	0.0001	0.000	0.008	0.28
5	2104111	EQUAL ANGLES	100.0 x 100.0 x 7.0	S275JR	304.4	447.9	1.47	28.6						0.14	0.18	0.0524	0.009	0.020	0.004	0.32	0.11	0.12	0.014	0.00205	0.004	0.0001	0.000	0.008	0.28
6	2105984	EQUAL ANGLES	100.0 x 100.0 x 7.0	S275JR	310.4	440.7	1.45	31.7						0.13	0.16	0.0512	0.009	0.021	0.004	0.34	0.11	0.12	0.014	0.00205	0.004	0.0001	0.000	0.008	0.28
7	2105952	EQUAL ANGLES	100.0 x 100.0 x 8.0	S275JR	304.3	454.8	1.32	29.7						0.10	0.19	0.0504	0.011	0.020	0.004	0.34	0.13	0.12	0.018	0.00205	0.004	0.0001	0.000	0.008	0.28
8	2105102	U CHANNELS	80.0 x 80.0 x 8.0	S275JR	310.3	433.3	1.38	29.2						0.11	0.18	0.0504	0.011	0.020	0.004	0.33	0.10	0.12	0.018	0.00205	0.004	0.0001	0.000	0.008	0.28
9	2105103	U CHANNELS	80.0 x 80.0 x 8.0	S275JR	310.3	433.3	1.38	29.2						0.11	0.18	0.0504	0.011	0.020	0.004	0.33	0.10	0.12	0.018	0.00205	0.004	0.0001	0.000	0.008	0.28
10	2105099	U CHANNELS	80.0 x 80.0 x 8.0	S275JR	310.3	433.3	1.38	29.2						0.11	0.18	0.0504	0.011	0.020	0.004	0.33	0.10	0.12	0.018	0.00205	0.004	0.0001	0.000	0.008	0.28
11	2105012	U CHANNELS	100.0 x 100.0 x 8.0	S275JR	306.4	441.3	1.42	28.3						0.11	0.22	0.0535	0.012	0.020	0.004	0.38	0.11	0.12	0.018	0.00205	0.004	0.0001	0.000	0.008	0.28
12	2105008	U CHANNELS	100.0 x 100.0 x 8.0	S275JR	306.4	441.3	1.42	28.3						0.11	0.18	0.0504	0.011	0.020	0.004	0.33	0.10	0.12	0.018	0.00205	0.004	0.0001	0.000	0.008	0.28
13	2104488	U CHANNELS	120.0 x 120.0 x 8.0	S275JR	309.8	458.4	1.41	30.3						0.12	0.20	0.0549	0.016	0.020	0.004	0.40	0.11	0.11	0.017	0.002	0.0035	0.0001	0.007	0.008	0.28
14	2104839	U CHANNELS	120.0 x 120.0 x 8.0	S275JR	309.8	458.4	1.39	31.8						0.11	0.18	0.0504	0.017	0.019	0.004	0.40	0.11	0.11	0.017	0.002	0.0035	0.0001	0.007	0.008	0.28
15	2104840	U CHANNELS	120.0 x 120.0 x 8.0	S275JR	309.8	458.4	1.37	29.1						0.12	0.18	0.0504	0.014	0.020	0.004	0.40	0.11	0.11	0.017	0.002	0.0035	0.0001	0.007	0.008	0.28
16	2104264	U CHANNELS	120.0 x 120.0 x 8.0	S275JR	309.8	458.4	1.40	30.1						0.12	0.20	0.0538	0.015	0.024	0.004	0.40	0.11	0.11	0.017	0.002	0.0035	0.0001	0.007	0.008	0.28
17	2104844	U CHANNELS	120.0 x 120.0 x 8.0	S275JR	309.8	458.4	1.43	30.1						0.11	0.18	0.0504	0.015	0.024	0.004	0.40	0.11	0.11	0.017	0.002	0.0035	0.0001	0.007	0.008	0.28
18	2104842	U CHANNELS	120.0 x 120.0 x 8.0	S275JR	312.2	458.2	1.46	35.2						0.11	0.18	0.0504	0.015	0.024	0.004	0.40	0.11	0.11	0.017	0.002	0.0035	0.0001	0.007	0.008	0.28
19	2105508	I BEAMS	160.0 x 160.0 x 8.0	S275JR	320.1	489.2	1.47	28.7						0.10	0.18	0.0509	0.012	0.028	0.004	0.40	0.12	0.08	0.020	0.003	0.005	0.0001	0.007	0.008	0.24
20	2105749	I BEAMS	160.0 x 160.0 x 8.0	S275JR	322.4	485.4	1.34	32.8						0.11	0.19	0.0466	0.009	0.030	0.004	0.32	0.11	0.07	0.014	0.0024	0.004	0.0001	0.007	0.008	0.24
21	2105748	I BEAMS	160.0 x 160.0 x 8.0	S275JR	322.4	485.4	1.43	35.1						0.11	0.20	0.0523	0.017	0.034	0.004	0.42	0.12	0.14	0.017	0.0033	0.004	0.0001	0.007	0.009	0.20
					320.1	489.3	1.47	28.7						0.10	0.16	0.0503	0.013	0.024	0.004	0.40	0.12	0.10	0.017	0.0023	0.005	0.0001	0.007	0.009	0.25



CE NUMBER: 2344-CPR-0004
 acc. to audit report numbered 17170-09-01/01
 ISO 9001:2015 Certificate No: 045 19270-01
 ISO 17001:2015 Certificate No: 190801050001
 SIRIM (Certified to MS EN 10025-2:2013)
 Certification Number: PC009941 / PC009942

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 TENSILE TEST UNDER ROOM TEMPERATURE
 (2) "T" MEANS "TOLERANCE" "Y" MEANS "TOLERANCE"
 (3) PRODUCTION, ROLLING TOLERANCE AND ANY OTHER
 DETAILS ARE AS PER ABOVE REFERENCED CONTRACT

