

DOCUMENT NO : 2022-134 / EXP-6381
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MILL'S TEST CERTIFICATE
 (ÜRÜN TEST SERTİFİKASI)
 THE INSPECTION CERTIFICATE AS PER EN ISO 17024 IS CONFORMANT TO THE DEFINITION OF EN ISO 17024
 (EN ISO 17024 ile uyumlu olarak hazırlanan bu belge EN ISO 17024 tanımına göre EN ISO 17024 tanımına uygundur)

ORDER NO
 Sipariş No
 2022-134 / EXP-6381

MANUFACTURER (Üretici) CAG CELIK DEMIR VE
 CELIK END A.S.

CAG CELIK DEMIR VE CELIK END A.S. CAG CELIK PLAZA, ESENSEHIR EMEK
 MAHESKI NATO YOLU NO.286 SANCaktepe ISTANBUL, TURKEY
 REGISTRATION NO : 341798/289380

CUSTOMER : (Müşteri)
 STANDARD OF GRADE OF PRODUCT
 ASTM A36
 DIMENSION CONTROL STANDARD
 ASTM A6

PRODUCT (Ürün) : PRIME QUALITY HOT ROLLED FLAT BARS, SQUARE BARS, ROUND BARS, AND EQUAL ANGLE BARS.
 INSPECTION: SUPPLIER
 STEELMAKING: BASIC OXYGEN FURNACE (BOF)
 CERTIFICATION: SUPPLIER

HEAT NO	SIZE (INCH)	LENGTH (FT)	QUALITY	MECHANICAL PROPERTIES (Mekanik Özellikleri)				CHEMICAL PROPERTIES (KİMYASAL ANALİZ)															
				CHARPY TEST at 20°C >27 JOUL	TENSILE STRENGTH H Mpa	YIELD STRENGTH Mpa	% ELONGATION (L-Lo) / %	C %	Mn %	Si %	P %	S %	Ni %	Cr %	Mo %	% Cu	V %	Sn %	N ppm	Al %	Pb %	Co %	Ti %
222853	1/8 x 1/2"	20	ASTM A36	443	307	35	0.16	0.64	0.19	0.017	0.023	0.015	0.017	0.0019	0.035	0.0016	0.0029	67	0.0007	0.0010	0.0018	0.015	0.274
56370	1/8 x 3/4"	20	ASTM A36	432	303	32	0.18	0.69	0.19	0.018	0.021	0.013	0.016	0.0017	0.042	0.0019	0.0032	67	0.0007	0.0012	0.0023	0.014	0.303
211878	3/16 x 1/2"	20	ASTM A36	428	310	34	0.17	0.66	0.17	0.017	0.021	0.013	0.018	0.0019	0.040	0.0017	0.0033	66	0.0006	0.0010	0.0022	0.013	0.288
58170	3/16 x 3/4"	20	ASTM A36	430	297	32	0.17	0.66	0.17	0.016	0.024	0.015	0.017	0.0016	0.040	0.0018	0.0032	65	0.0013	0.0009	0.0024	0.013	0.288
222813	1/4 x 1/2"	20	ASTM A36	426	299	32	0.16	0.64	0.18	0.017	0.022	0.016	0.016	0.0016	0.035	0.0018	0.0032	64	0.0013	0.0010	0.0024	0.016	0.274
58176	1/4 x 3/4"	20	ASTM A36	429	298	31	0.18	0.65	0.19	0.016	0.022	0.013	0.017	0.0016	0.036	0.0017	0.0035	68	0.0012	0.0013	0.0017	0.014	0.296
56378	3/8 x 3/8"	20	ASTM A36	443	298	33	0.16	0.63	0.16	0.017	0.021	0.013	0.017	0.0017	0.041	0.0019	0.0030	69	0.0009	0.0006	0.0024	0.016	0.273
222812	1/4"	20	ASTM A36	443	307	32	0.16	0.64	0.20	0.017	0.021	0.014	0.018	0.0017	0.041	0.0018	0.0032	62	0.0008	0.0011	0.0020	0.014	0.275
58255	3/8"	20	ASTM A36	436	294	31	0.16	0.69	0.18	0.017	0.024	0.015	0.017	0.0019	0.039	0.0018	0.0033	69	0.0009	0.0006	0.0020	0.015	0.283
57743	3/4 x 3/4 x 1/8"	20	ASTM A36	431	300	35	0.18	0.66	0.18	0.017	0.024	0.016	0.016	0.0018	0.033	0.0016	0.0033	64	0.0008	0.0011	0.0021	0.015	0.297

WE HEREBY CERTIFY THAT THE MATERIAL HAS BEEN MADE AND TESTED IN ACCORDANCE WITH THE ABOVE SPECIFICATION AND ALSO WITH THE REQUIREMENTS CALLED FOR BY THE ABOVE ORDER

CHEMICAL AND MECHANICAL TEST BY
 Quality Metallurgy and Laboratory Technician
 CAG CELIK DEMIR VE CELIK END A.S.