Date: 2/21/2024 To: SENTRY SUPPLY dba SO#: A806556 Ln#: 1 PO#: PO247256-08 Part: S02520* Qty: 6 Heat#: 2015332*
Tag: B05022024

ORIGINAL

ÇAĞ ÇELİK
ENDÜSTRİ ANONİM ŞİRKETİ

MILL'S TEST CERTIFICATION
(ÜRÜN TEST SERTİFİKASI)

THE INSPECTION CERTIFICATE AS PER EN 10204 CLAUSE 3.1 CORRESPONDS TO THE REQUIREMENTS OF THE ORDER.
(EN 10204 çeki sertifikasyon uygun EN 10204 standardı madde 3.1 e göre ürün uygunluğu sağlanmıştır)

DOCUMENT NO 2021-165
ISSUE DATE 20.02.2022
PAGE (Sayfa) : 1/1

CAG CELIK DEMIR VE CELIK END A.S. CAG CELIK PLAZA ESENSEHIR BAREK MAH ESKI NATO YOLU NO 288 BAHCATEPE, ISTANBUL TURKEY

CUSTOMER (Müşteri): TATA INTERNATIONAL METALS (AMERICAS) LIMITED
475 N. MARTINGALE ROAD, SUITE 450 SCHAUMBURG, IL 60173
UNITED STATES OF AMERICA

ORDER NO (Sipariş No): 2021-165

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

PRODUCT (Ürün): PRIME QUALITY HOT ROLLED MERCHANT BARS

STANDARD OF ASSESSMENT OF CONFORMITY: ASTM
STANDARD OF GRADE OF PRODUCT: ASTM A36
DIMENSION CONTROL STANDARD: ASTM A6

INSPECTION: SUPPLIER
CERTIFICATION: SUPPLIER

TEST RESULTS (TEST SONUÇLARI)

DESCRIPTION OF DELIVERY (Sipariş Özellikleri) / MECHANICAL PROPERTIES (Mekanik Özellikler) / CHEMICAL PROPERTIES (KİMYASAL ANALİZ)

HEAT NO	SIZE (Inch)	LENGTH (Boy)	QUALITY		CHARPY TEST at 20 C >27 KJOUL	TENSILE STRENGTH Mpa	YIELD STRENGTH Mpa	% ELONGATION (L-Lo) / Lo %	C %	Mn %	Si %	P %	S %	Ni %	Cr %	Mo %	% Cu	V %	Sn %	N ppm	Al %	Pb %	Co %	Ti %	Nb %	Ceq
PURCHASE ORDER NUMBER:PURJ001654.v2 - LOT 1 : RM																										
2015409	1/8 x 1/2"	20	ASTM A 36/A6		-	440	303	32	0.18	0.65	0.17	0.017	0.022	0.016	0.017	0.0018	0.040	0.0016	0.0029	67	0.0010	-	0.0011	0.0019	0.016	0.296
99893	1/8 x 3/4"	20	ASTM A 36/A6		-	433	303	32	0.17	0.67	0.16	0.018	0.021	0.016	0.017	0.0019	0.036	0.0019	0.0035	65	0.0013	-	0.0011	0.0017	0.016	0.289
97989	1/8 x 1"	20	ASTM A 36/A6		-	431	299	34	0.18	0.68	0.20	0.016	0.023	0.016	0.019	0.0017	0.032	0.0019	0.0029	64	0.0006	-	0.0013	0.0023	0.016	0.301
100122	1/8 x 1-1/2"	20	ASTM A 36/A6		-	433	309	35	0.18	0.64	0.20	0.019	0.024	0.013	0.018	0.0016	0.031	0.0018	0.0031	67	0.0012	-	0.0011	0.0018	0.013	0.294
100129	3/8 x 2"	20	ASTM A 36/A6		-	428	301	36	0.17	0.69	0.18	0.017	0.023	0.013	0.018	0.0019	0.032	0.0019	0.0035	65	0.0007	-	0.0006	0.0018	0.017	0.292
99906	3/16 x 1"	20	ASTM A 36/A6		-	443	297	36	0.17	0.68	0.19	0.019	0.022	0.014	0.016	0.0016	0.037	0.0018	0.0029	67	0.0008	-	0.0013	0.0016	0.015	0.291
100144	3/16 x 1-1/2"	20	ASTM A 36/A6		-	440	301	34	0.16	0.63	0.16	0.016	0.021	0.014	0.016	0.0017	0.034	0.0017	0.0034	66	0.0006	-	0.0012	0.0020	0.016	0.272
100178	3/16 x 2"	20	ASTM A 36/A6		-	438	299	33	0.17	0.65	0.20	0.016	0.022	0.015	0.019	0.0017	0.037	0.0018	0.0033	61	0.0006	-	0.0010	0.0023	0.016	0.286
100794	3/16 x 3"	20	ASTM A 36/A6		-	429	312	35	0.18	0.69	0.18	0.018	0.021	0.013	0.016	0.0018	0.031	0.0019	0.0032	65	0.0012	-	0.0006	0.0022	0.013	0.302
99994	1/4 x 3/4"	20	ASTM A 36/A6		-	436	311	36	0.16	0.66	0.20	0.019	0.024	0.013	0.018	0.0017	0.035	0.0019	0.0030	64	0.0006	-	0.0009	0.0018	0.017	0.278
98760	3/4 x 3/4 x 1/8"	20	ASTM A 36/A6		-	434	300	36	0.16	0.67	0.18	0.019	0.021	0.013	0.016	0.0019	0.035	0.0018	0.0033	64	0.0012	-	0.0008	0.0022	0.015	0.279
100229	2 x 2 x 1/8"	20	ASTM A 36/A6		-	442	306	32	0.17	0.68	0.18	0.019	0.023	0.014	0.017	0.0018	0.037	0.0018	0.0032	63	0.0012	-	0.0012	0.0019	0.013	0.291
2015332	1/4"	20	ASTM A 36/A6		-	429	295	33	0.18	0.68	0.16	0.018	0.021	0.013	0.016	0.0016	0.042	0.0017	0.0029	66	0.0013	-	0.0007	0.0020	0.014	0.301
2112343	3/8	20	ASTM A 36/A6		-	438	295	33	0.18	0.67	0.16	0.017	0.022	0.016	0.016	0.0016	0.033	0.0017	0.0031	66	0.0006	-	0.0009	0.0022	0.017	0.298

CHEMICAL AND MECHANICAL VALUES AND Ceq AND VERIFIED MATERIAL SUITABLE FOR CONSTRUCTION BEARS

CE MARKING (CE MARKALAMA)

CE

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. COUNTRY OF MELT & POUR: TURKEY

CHEMICAL AND MECHANICAL TEST BY

Quality Metallurgy and LaboratoryTechnician

ÇAĞ ÇELİK DEMİR ve ÇELİK END. A.Ş.