MILL TEST CERTIFICATE

THE INSPECTION CERTIFICATE ACCORDING TO EN10204/3.1 CONFORMING TO THE ORDER INFORMATION

CE

26.02.2020

ORIGINAL

ISIK ÇELİK

CERTIFICATE NO :	132589
ORDER NO :	203543
INVOICE NO :	HE2020000000013
NAME OF VESSEL :	LAPS MAERSK
VOYAGE NUMBER :	039W

FULL NAME AND ADDRESS OF THE MANUFACTURER :	ISIK ÇELIK SANAYİ VE TİCARET A.Ş. HURRİYET MAH. ZONGULDAK CAD. NO:38, KARABÜK, TURKEY
NAME AND ADDRESS OF THE EXPORTER.	ISIK ÇELIK SANAYİ VE TİCARET A.Ş. HURRİYET MAH. ZONGULDAK CAD. NO:38, KARABÜK, TURKEY
CUSTOMER :	SEBA INTERNATIONAL INC. 3644 KATY FWY, SUITE 300 HOUSTON, TEXAS 77007 USA

DESCRIPTION OF GOODS :	THE MATERIAL IS PRIME NEWLY PRODUCED HOT ROLLED DEFORMED BARS ACCORDING TO ASTM A36 WITH AS ROLLING TOLERANCES IN LENGTHS OF 39 FEET (40+/-2 IN) WITH UNIFORM PIECE COUNT PER BUNDLE. BUNDLES ARE 6 LMF AND 2 WT, POLYBAND COVERED (TILLETT PRICE CO. CO. HOUSTON, TX USA, INCOTERMS 2010) TOTAL QUANTITY : 21.36 MT. TOTAL NO OF BUNDLES : 40 BUNDLES. SEBA PO NUMBER : 21701
QUALITY :	A36/A6
PRODUCTION STANDARD :	A36/A6

PHYSICAL PROPERTIES												MECHANICAL PROPERTIES FOR EACH HEAT NUMBER									CHEMICAL PROPERTIES FOR EACH HEAT NUMBER															
													TENSION TEST				CHARPY TEST (J)						PRODUCT ANALYSIS												
ITEM NO.	HEAT NO	LOT NO	SIZE / FINISH CODE	SIZE	LENGTH (FT)	MATERIAL	PACKAGE	NO. OF BUNDLES PER SIZE	QUANTITY OF TOTAL THEORETICAL WEIGHT (MT)	WORK ORDER	ORIENTATION (D)	YIELD S. (KSI)	TENSILE S. (KSI)	Elong. / Area	Elongation %	WELD TEST (Y/N)	SPECIMEN SIZE	VALUE (JOULES)	BEND TEST (Y)	REBAND TEST (Y)	FLATTENING TEST (Y)	C %	Si %	Mn %	P %	S %	Cu %	Ni %	Cr %	Mo %	V %	Al %	N PPM	Fe %	CARBON EQUIVALENT % (CEV)
												psi																									
1	674747	F403D20	403	1/2X1/8	20	FLATS	1024	1	1,99	-	L	45977,05	67877,78	1,48	28							0,187	0,163	0,675	0,03	0,029	0,05	0,03	0,042	0,003	0,004	0,033	45	98,78	0,32
2	674753	F409D20	409	3/4X1/8	20	FLATS	654	1	1,98	-	L	46413,36	68022,82	1,47	28							0,186	0,160	0,649	0,032	0,025	0,052	0,042	0,034	0,003	0,003	0,035	43	98,83	0,31
3	674762	F425D20	425	1X1/8	20	FLATS	512	2	3,15	-	L	45251,86	67232,75	1,50	28							0,189	0,157	0,637	0,03	0,024	0,057	0,034	0,037	0,007	0,005	0,003	58	98,78	0,32
4	674745	F405D20	405	1/2X3/16	20	FLATS	684	3	1,98	-	L	45541,93	67587,71	1,48	27							0,189	0,159	0,667	0,029	0,034	0,045	0,041	0,043	0,003	0,004	0,033	57	98,81	0,32
5	674756	F411D20	411	3/4X3/16	20	FLATS	456	1	1,98	-	L	45685,97	68457,94	1,50	29							0,186	0,156	0,649	0,03	0,028	0,038	0,038	0,038	0,003	0,003	0,033	55	98,80	0,32
6	674768	F440D20	440	1 1/4X3/16	20	FLATS	374	1	1,97	-	L	45977,05	68267,86	1,48	27							0,192	0,158	0,658	0,03	0,026	0,052	0,042	0,039	0,003	0,004	0,037	48	98,87	0,31
7	674775	F451D20	451	1 1/2X3/16	20	FLATS	228	2	1,95	-	L	45832,01	68072,82	1,48	28							0,189	0,160	0,652	0,03	0,024	0,051	0,037	0,035	0,002	0,003	0,037	53	98,81	0,31
8	674731	F604D20	604	1X1X1/4	20	ANGLES	146	1	1,97	-	L	45396,89	68311,90	1,50	28							0,193	0,161	0,637	0,032	0,031	0,037	0,043	0,041	0,003	0,005	0,034	53	98,81	0,31

1. WE HEREBY CERTIFY THAT THE MATERIAL DESCRIBED ABOVE HAS BEEN TESTED AND PRODUCED IN COMPLIANCE WITH THE TERMS OF THE PURCHASE ORDER OR CONTRACT
2. THE INSPECTION TESTING MAY BE WITNESSED EXCEPTION FOR WHICH THE WRITTEN APPROVAL OF THE COMPANY
3. MATERIAL NOT ALLOWED FOR REPAIR AND/OR WELDING

NOTE:
- [illegible]
- [illegible]
- [illegible]
- [illegible]

ALL PRODUCTS HAVE BEEN INSPECTED BY "VITSAN INSPECTION COMPANY - LLOYDS AGENCY

THE BILLETS USED IN THE PRODUCTION OF THE ABOVE MATERIALS WAS MELTED AND POURED IN TURKEY FROM THE KARDEMIR IRON AND STEEL INDUSTRY TRADE & CO. INC.

[illegible]

ISIK ÇELİK 1985