

CERTIFICATE NO : 1066431  
ORDER NO : 258392  
INVOICE NO : IHD2025000000509

NAME OF THE MANUFACTURER : ISIK ÇELİK SANAYİ VE TİCARET A.Ş. ZONGULDAK CAD. NO:38 78100 KARABUK TURKEY  
NAME OF THE EXPORTER : ISIK ÇELİK SANAYİ VE TİCARET A.Ş. ZONGULDAK CAD. NO:38 78100 KARABUK TURKEY  
CUSTOMER : METALICA-ZUEV S.R.L. 48 Industrialia St., MD-2037, Chisinau, Republic of Moldova Mobile: +373 61 227 222 Tel/Fax: +373 22 471 530 Email: d.pileavschi@mz.md

DESCRIPTION OF GOODS : PRIME, HOT ROLLED STEEL ROUND BARS  
QUALITY : S235JR - EN 10025-1:2004  
PRODUCTION STANDARD : DIN EN 10060:2004

TEST PIECES NO	PHYSICAL PROPERTIES			MECHANICAL PROPERTIES			CHEMICAL COMPOSITION																												
	HEAT NO	PRODUCT NAME	SIZE MM	TOTAL QUANTITY IN MT	NUMBER OF PIECES PER BUNDLE	LENGTH METER	WORK ORDER	ORIENTATION(3)	YIELD S. (Re)	TENSİLE S.(Rm)	Rm / Re	ELONGATION	CHARPY TEST(1)	BEND TEST (2)	RE-BEND TEST (2)	FATIGUE TEST (4)	C	Si	Mn	P	S	Ti	Cu	Ni	Cr	Mo	V	Al	Nb	N	CARBON EQUIVALENT				
1	2480262	ROUND BARS	22,0	6,04	-	6,00	-	L	270	406	1,50	31	VALUE (JIOULE)				0,14	0,18	0,63	0,030	0,025	0,002	0,048	0,038	0,034	0,001	0,002	0,006	0,0002	0,008	0,26				
2	2439449	ROUND BARS	25,0	4,06	-	6,00	-	L	270	410	1,52	29	TEST PIECES WIDTH (mm)				0,13	0,19	0,68	0,030	0,034	0,001	0,058	0,031	0,033	0,006	0,006	0,0002	0,008	0,26					
3	2445426	ROUND BARS	30,0	6,02	-	6,00	-	L	280	409	1,46	28					0,15	0,17	0,69	0,027	0,033	0,003	0,049	0,035	0,038	0,002	0,001	0,002	0,0003	0,004	0,28				
4	2460097	ROUND BARS	32,0	5,98	-	6,00	-	L	278	413	1,49	31					0,12	0,17	0,72	0,022	0,022	0,002	0,051	0,032	0,038	0,004	0,004	0,003	0,0002	0,005	0,26				
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1. WE HEREBY CERTIFY THAT THE MATERIAL DESCRIBED ABOVE HAS BEEN TESTED AND TEST RESULTS ARE IN COMPLIANCE WITH THE TERMS OF THE PURCHASE ORDER OR CONTRACT.  
2. THE CERTIFICATE SHALL NOT BE REPRODUCE EXCEPT IN FULL WITHOUT THE WRITTEN APPROVAL OF THE COMPANY  
3. MATERIAL FREE FROM MERCURY AND RADIATION CONTAMINATION.  
NOTES:  
(1) VALUES ARE FOR KV150, TEST TEMPERATURE=25 C  
(2) "L" MEANS "LONGITUDINAL", "T" MEANS "TRANSVERSE"  
(3) BEND & RE-BEND TESTS ARE ONLY RIBBED REINFORCING STEEL BARS  
(4) NUMBER OF CYCLES x 1.000.000

ISIK ÇELİK SANAYİ VE TİCARET A.Ş.  
QUALITY CONTROL DEPARTMENT

ISIK ÇELİK  
ISIK ÇELİK SANAYİ VE TİCARET A.Ş.  
KARABUK 467 004 7680

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