



宝山钢铁股份有限公司  
BAOSHAN IRON & STEEL CO., LTD.

# 产品质量证明书 INSPECTION CERTIFICATE



上海市宝山区富锦路885号 邮编 201900  
No.885 Fujin ROAD, BAOSHAN DISTRICT  
SHANGHAI, P. R. CHINA 201900  
电话 TEL : +86 21 26649104  
传真 FAX : +86 21 26648886

制造厂：总部厚板线NO.1

Manufacturer: CORE BASE PLATE LINE NO.1

订货单位 CUSTOMER	上海宝钢商贸有限公司	产品名称 PRODUCT	厚板 STEEL PLATE		
收货单位 PURCHASER	上海宝钢商贸有限公司代成亿	客户订单编号 CUSTOMER ORDER NO.		证书号 CERTIFICATE NO.	P630001347
标准 SPECIFICATION	DNV GL VL D36	签发日期 DATE OF ISSUE	2020/01/13	一贯管理番号 CUSTOMER PRODUCT NO.	
		许可证号 LICENSE NO.		合同号 CONTRACT NO.	J9H0001126

序 号  NO.	钢 板 号  PLATE NO.	炉 号  HEAT NO.	规格及重量 MATERIAL DESCRIPTION				化学成分 CHEMICAL COMPOSITION %												试样 热处 理  *2	拉伸试验 TENSILE TEST						冲击试验 IMPACT TEST					厚度方向性能 *8				交 货 状 态  *9		
			尺寸 Dimension mm		数 量  QTY	重 量  MASS (kg)	分 析 区 分  *1	C	Si	Mn	P	S	Al t	Ceq	Cu	Ni	Cr	位 置 方 向  *3		屈服 Y.S.	抗拉 T.S.	伸长 EL	RA *5	*6	位 置 方 向  *3	温度 TEMP	试样宽度= 10.0 mm *7  冲击功 ABSORBED ENERGY J				位 置 方 向  *3	断面收缩率 % *5					
			厚度 THICKNESS 50.00					Nb	V	Ti	Mo	Al s									ReH	Rm	G.L.=L 8			*4		1	2	3		AVE.					
			宽度 WIDTH	长度 LENGTH				3	3	3	3	3									MPa		%				°C	1	2	3		AVE.					
			1=X10 2=X100 3=X1000 4=X10000 5=X100000												MIN																						
															MAX																						
1	0103107100	19403832	2400	9400	1	8855	L	9	30	146	12	2	35	34	1	0	2		TC4	461	574	27			TL4	-20	360	356	350	355					TM		
2	0103107200	19403832	2400	9400	1	8855	L	9	30	146	12	2	35	34	1	0	2		TC4	461	574	27			TL4	-20	360	356	350	355					TM		
3	Test Lot No: 0103108100	19403832	2400	9400	1	8855	L	9	30	146	12	2	35	34	1	0	2		9PA13137800 TC4	458	553	29			9PF11552000 TL4	-20	344	344	342	343					TM		
4	0103108200	19403832	2400	9400	1	8855	L	9	30	146	12	2	35	34	1	0	2		TC4	458	553	29			TL4	-20	344	344	342	343					TM		
	Test Lot No:																		9PA13137900						9PF11552100												

超声 U.T.	弯曲 d=	0	外观及尺寸 VISUAL AND DIMENSIONS	ACCEPTABLE
------------	-------	---	--------------------------------	------------

合计	Total	4	PIECE(S)	35420 KG
----	-------	---	----------	----------

 	N141X2GC			
	*1 分析区分 ANALYSIS : L = 熔炼分析 LADLE ANALYSIS, P = 成品分析 PRODUCT ANALYSIS *2 HEAT TREATMENT OF TEST PIECE *3 位置方向 LOCATION AND ORIENTATION : B = 尾部 BOTTOM, T = 头部 TOP, C = 横向 TRANS., L = 纵向 LONGI., Z = 板厚方向 THROUGH-THICK. 1 = 近表面 NEAR THE SURFACE. 2 = 1/2 厚度 THICKNESS. 3 = 1/3 厚度 THICKNESS. 4 = 1/4 厚度 THICKNESS. *4 标距 G.L. = GAUGE LENGTH: 圆形试验片 ROUND L8=5d *5 断面收缩率 REDUCTION OF AREA *6 YR = 屈服比 YIELD RATIO Y.S/T.S (TR = 强屈比 T.S/Y.S) *7 试样宽度 SPECIMEN SIZE *8 THROUGH THICKNESS PROPERTIES *9 交货状态 CONDITION OF SUPPLY: TM = TMCP Ceq=C+Mn/6+(Cr+Mo+V)/5+(Ni+Cu)/15			
	兹证明上述材料符合DNVGL规范, 并在MSA授权下签发(MSANO.MSA0000B2C-Rev.1). We hereby certify that the material has been made by an approved process and has been tested satisfactorily in accordance with DNV GL Rules and standards for classification. This certificate is issued in accordance with the survey arrangement authorized by DNV GL in MSA No. MSA0000B2C-Rev. 1, which is controlled by regular auditing.			
		质量负责人 QUALITY MANAGER		