

注文者: 5173 -BGCW016  
 SHIPPER: SAMSUNG C&T JAPAN CORPORATION  
 契約番号: 2-831-H1-5-Y-BS03 船番:  
 CONTRACT No. SHIP No.  
 商品名: HOT ROLLED STEEL PLATES  
 COMMODITY  
 規格: LR GRADE LRB (LBK)  
 SPECIFICATION  
 需要家: PRODALAM S A  
 CUSTOMER



鋼材検査証明書  
 INSPECTION CERTIFICATE

本社: 〒100-8071 東京都千代田区丸の内二丁目6番1号  
 HEAD OFFICE: 2-6-1, MARUNOUCHI, CHIYODA-KU, TOKYO, 100-8071, JAPAN  
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需要家管理番号: 文書番号:  
 CUSTOMER'S CONTROL No. DOCUMENT No.

需要家照合番号 ORDER ITEM No.	員数 QUANTITY	質量 MASS KG	製鋼番号 HEAT No. 試験番号 TEST No.	製品番号 PLATE No.	引張試験 TENSILE TEST				衝撃試験 IMPACT TEST				化学成分 CHEMICAL COMPOSITION % 10: x1, 1: 1/10, 2: 1/100, 3: 1/1000, 4: 1/10000, 5: 1/100000											S <sub>pl</sub> AI	PCM CE1	供給状態 注13		
					引張強さ YS, TS N/MM2	伸び EL %	試験温度 TEST TEMP.	吸収エネルギー KV2 J	C	Si	Mn	P	S	Cu	Ni	Cr	Mo	Nb	V	T.A.								
																					1	2	3				AVG	
10X2440X12000	01	9.192	2B30303 M00634	TO X02133504 FROM X02133701	F	294	432	29	ATL7	S+	0	C	162	170	160	164	L	15	18	70	7	4				27	AR	A
10X2440X12000	01	9.192	2B30303 M00634	TO X02133704 FROM X02133801	F	294	432	29	ATL7	S+	0	C	162	170	160	164	L	15	18	70	7	4				27	AR	A
10X2440X12000	01	9.192	2B30303 M00634	TO X02133804 FROM X02134001	F	294	432	29	ATL7	S+	0	C	162	170	160	164	L	15	18	70	7	4				27	AR	A
10X2440X12000	01	2.298	2B30303 M00634	TO X02134004 FROM X02134201	F	294	432	29	ATL7	S+	0	C	162	170	160	164	L	15	18	70	7	4				27	AR	A
10X2440X12000	01	6.894	2B30303 M00635	TO X02134204 FROM X02134202	F	282	428	32	ATL7	S+	0	C	162	115	178	152	L	15	18	70	7	4				27	AR	A
10X2440X12000	01	9.192	2B30303 M00635	TO X02134401 FROM X02134404	F	282	428	32	ATL7	S+	0	C	162	115	178	152	L	15	18	70	7	4				27	AR	A

注釈 NOTES ※1 試験片熱処理区分 Test piece heat treatment, H:試験片熱処理後 Heat treated for test piece. プラック blank:供給未供 As-supplied ※2 位置 Location T:Top, B:Bottom ※3 方向 Direction L:圧延方向 Longitudinal, C:直角方向 Transverse, Z:板厚方向 Through Thickness, R:45° 方向 45Deg to the Longitudinal Axis  
 ※4 厚内位置 Position in thickness, F:全厚 Full-thick, S:表面 Surface, B:Bottom surface, Q:1/4厚 Quarter-thick, M:1/2厚 Mid-thick, T:1/3厚 Third-thick, 3:3/4厚 Three quarter-thick, W:表面下12.5mm 12.5mm-under surface, H:半厚 Half-thick ※5 GL 標点距離 Gauge Length, 方形試験片 Rectangular type specimen, A:50mm, B:70mm, C:80mm, D:200mm, E:2', F:8', G:5.65√So, H:4√So, 丸形試験片 Round type specimen, 1:50mm, 2:70mm, 3:2', 4:5.65√So, 5:4√So ※6 YP, YS:Yield Point or Yield Strength, D.2YS:0.2% Offset, 0.5YS:0.5% total extension under load, LYP:Lower yield point ※7 RA:絞り Reduction of Area, YR:伸び比 Yield Ratio ※8 A:合格 Acceptable  
 ※9 SI 超音波試験片形状 F:10mm Full, 2:2.5mm Sub, 3:3.3mm Sub, 4:3.3mm Sub, 5:5mm Sub, 6:6.5mm Sub, 7:7.5mm Sub, 8:6.7mm Sub, 9:19.8mm, A:Plate Thick ※10 分析区分 Analysis L:レドール分析 Ladle, P:製品分析 Product ※11 超音波試験 Ultrasonic test A:Acceptable ※12 寸法, 外観, 形状検査 Dimension, Visual, Shape Inspection A:Acceptable  
 ※13 供給状態 Condition of supply AR:AS-ROLLED ※MISC 温度 Temperature/ C° C, F° F, 1MPa=1t/cm<sup>2</sup> All plates are produced by following process, STEEL MAKING:LD Process and Fully-Killed practice.

上記注文品は御指定の規格または仕様に従って製造され、その要求事項を満足していることを証明します。



WE HEREBY CERTIFY THAT THE MATERIAL HAS BEEN MADE BY AN APPROVED PROCESS AND SATISFACTORILY TESTED IN ACCORDANCE WITH THE RULES OF LLOYD'S REGISTER. THIS CERTIFICATE IS ISSUED UNDER THE ARRANGEMENTS AUTHORISED BY LLOYD'S REGISTER IN ACCORDANCE WITH THE REQUIREMENTS OF THE MATERIALS QUALITY SCHEME AND CERTIFICATE NUMBER MQS002.

H. Fukami HIDENORI FUKAMI  
 深水 秀範

東日本製鉄所 品質保証室  
 HEAD OF DEPARTMENT  
 QUALITY ASSURANCE DEPT.  
 EAST NIPPON WORKS



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