



1224138

Tuesday, 06-Nov-2012

From:

3" STD SMLS
A106B SRL BE

To:

RE:

Document Summary Page

The MTR's are printed in the following order:

#	Heat	Sku	Description
1	1224138	P3216S6SB	3" STD SMLS A106B SRL BE

ADD: 10 DALIXINCON, HENGYANG CITY, HUNAN, P. R. CHINA
 P. C. : 421001
 TEL AND FAX: +86 734 8873739
 E-MAIL: HSEIC@HYSTEELTUBE.COM

MILL TEST CERTIFICATE

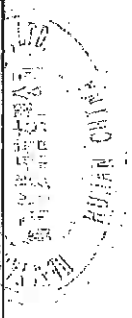
HENGYANG VALIN STEEL
 TUBE CO., LTD

CUSTOMER		BHD TUBULAR LIMITED		CERTIFICATE NO.		C201225165-1	
CONTRACT-ITEM NO.		2111000256-07		P.O.NO.		109869	
PRODUCT		SEAMLESS STEEL LINE PIPE		DELIVERY CONDITION		HR	
SPECIFICATION		SEE SPECIFICATION NOTE		HEAT TREATMENT			
GRADE		ASTM/ASME A106/SA106 B/API 5L/NACE MR 0175/ISO 15156-2/MR-01038/our Service/CSA Z245 1 GRADEZ90		DIMENSIONS		3**STD*20FT	
TOTAL BUNDLES:		TOTAL PIECES:		TOTAL LENGTH:		TOTAL WEIGHT:	
				FT		MT	

NO.	LOT No.	HEAT No.	BUNDLES	PIECES	LENGTH	WEIGHT		TENSILE TEST ASTM A370					FLATTENING TEST		
						FT	MT	SAMPLE TYPE/ ORIENTATION / SIZE(mm)/ GAUGE LENGTH(mm)/SL1950		YS(Psi)	Rt0.5	EL(%)		R.A. (%)	YS/TS
1	926101302	12129075				26.386		72935							
2	926200710	1212286				6.200		68150			52925	40.5		0.78	ACCEPTABLE
3	926200711	1223485				2.057		68875			54230	41.0		0.79	ACCEPTABLE
4	926401116	1224138				6.062		67135			50480	36.0		0.75	ACCEPTABLE
5	926401117	1212869				8.818		68585			52055	35.0		0.76	ACCEPTABLE

NO.	IMPACT TEST				NON METALLIC INCLUSION	GRAIN SIZE	HARDNESS TEST
	NOTCH TYPE/ORIENTATION/TEMPERATURE(C)/SIZE (mm)						
AK1 (J)	Av. (J)	% SHEAR AREA	LE	AK2 (J)	Av. (J)	% SHEAR AREA	LE
1							
2							
3							
4							
5							

NOTES:
 W1--THEORETICAL WEIGHT
 W2--ACTUAL WEIGHT
 NR--NORMALIZING ROLLED
 AK1--ABSORB ENERGY FOR THE FIRST SET
 AK2--ABSORB ENERGY FOR THE SECOND SET
 SAMPLE ORIENTATION: L--LONGITUDINAL T--TRANSVERSE
 SAMPLE TYPE: S--STRIP C--CLUBBED F--FULL-SECTION
 Q&T--QUENCHING AND TEMPERING
 N--NORMALIZING
 A--ANNEALING
 AV--AVERAGE
 LE--SIDE EXPANSION
 HE--HOT EXPANDED
 HR--HOT ROLLED
 N&T--NORMALIZING AND TEMPERING



HENGYANG VALIN STEEL TUBE CO., LTD

MILL TEST CERTIFICATE

ADD: 10 Dalixincun, Hengyang City, Hunan, P. R. China
P.C.: 421001
Tel and Fax: +86 734 8873739
E-mail: hsteel@hysteel.com

CUSTOMER	BRD TUBULAR LIMITED		CERTIFICATE NO.	C201225165-1	
CONTRACT-ITEM NO.	2111000256-07	P.O.NO.	109899	DATE:	2012-7-18
PRODUCT	SEAMLESS STEEL LINE PIPE		DELIVERY CONDITION		HR
SPECIFICATION	SEE SPECIFICATION NOTE		HEAT TREATMENT		
GRADE	ASTM/ASME A106/SA106 B/API 5L/NACE MR 0175/SISO 15156-2/MR-0103/Some Service/CSA Z245.1 GRADE290		DIMENSIONS		3**STD*20FT
TOTAL BUNDLES:		TOTAL PIECES:	FT	TOTAL WEIGHT:	MT

NO	HEAT No.	LOT No.	Type	CHEMICAL COMPOSITION (%)																					R2	R3						
				C	Si	Mn	P	S	Al	Sn	As	Pb	Sb	Nb	Ti	Zr	N	Bi	S	V	B	Ca	CE _{HT}	CE _{PH}			SE _{PH}	SUM2	SUM3	R1		
				*100																	*10000		*100		*10000							
P																																
1	12129078	H	12	24	102	6	1	7	2	14	32														31	164	33.1	62.1				
	926101302	P	14	20	105	7	2	7	3	15	29														34	194	31.7	61.7				
	926101362	P	14	25	106	7	2	7	3	15	29														34	194	32.8	62.8				
2	1212286	H	12	24	104	5	1	6	2	11	24														31	144	30.8	58.8				
	926200710	P	11	25	103	5	0	6	2	13	23														30	134	33.2	55.2				
	926200710	P	11	25	104	5	0	7	2	13	24														30	144	32.9	54.9				
	1223485	H	10	25	103	5	1	7	3	15	22														29	163	32.2	52.2				
3	926200711	P	11	25	102	5	1	6	2	13	24														30	144	32.1	53.1				
	926200711	P	11	24	101	5	0	6	2	12	23														29	134	32.1	54.1				
	1224138	H	12	23	101	4	1	7	3	14	25														31	155	36.6	65.6				
4	926401116	P	13	24	105	6	1	8	3	13	28														33	184	32.9	56.9				
	926401116	P	13	25	106	6	1	8	3	14	28														33	184	32.9	56.9				
	1212869	H	12	25	104	5	1	8	3	14	36														31	175	34.8	62.8				
5	926401117	P	13	23	105	6	1	7	3	13	28														33	174	32.9	56.9				
	926401117	P	13	24	106	6	1	7	3	13	28														33	174	32.9	56.9				

POSITION	PIPE BODY	PIPE END	END SURFACE(GROOVE)
NDT Type(Level)	ET	MPI	ACCEPTABLE
LAMINAR	ACCEPTABLE	ACCEPTABLE	ACCEPTABLE
TEST RESULT	ACCEPTABLE	ACCEPTABLE	ACCEPTABLE
RESIDUAL MAGNETISM			
UT THICKNESS MEASUREMENT (50%)			
HYDROSTATIC TEST	3000/6	ACCEPTABLE	ACCEPTABLE

NOTES: H-HEAT ANALYSIS P-PRODUCT ANALYSIS CE-EQUIVALENT CARBON R-RATIO R1-Ca /S R2-A/N R3=Mn/C
 CE1M=C+Mn/6(Cr+Mo+V)/5(Cu+N)/15 CE2M=C+S/30(Mn+Cr-Cu)/20(Ni/60(Mo/15+Al/10+Si
 SUM1=C+Cr+Mo+Ni+V SUM2=Nb+V SUM3=Nb+V+Ti



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TUBE CO., LTD

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E-mail: hsiiec@hysteeltube.com

(ACCORDING TO EN10204 3.1)

CUSTOMER	BHD TUBULAR LIMITED		CERTIFICATE NO.	C201225165-1
CONTRACT-ITEM NO.	2111000256- 07	P. O. NO.	109869	DATE:
PRODUCT	SEAMLESS STEEL LINE PIPE		DELIVERY CONDITION	HR
SPECIFICATION	SEE SPECIFICATION NOTE		HEAT TREATMENT	
GRADE	ASTM/ASME A106/SA106 B/API 5L/NACE MR 0175/ISO 15156-2/MR-3103/Sour Service/CSA Z245.1 GRADEZ90		DIMENSIONS	3"STD*20FT
TOTAL BUNDLES:	TOTAL PIECES:	TOTAL LENGTH:	FT	TOTAL WEIGHT: MT

REMARK :

HIC TEST	SEE THE ORIGINAL INSPECTION REPORTS
SSC TEST	

SPECIFICATION NOTE	ASTM/ASME A106/SA106/API5L
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We hereby certify that material herein described has been manufactured in accordance with the standards and specifications required in your order and satisfies the corresponding requirements.

This certificate is issued by a computerized system and it is valid with electronic signature. On the original certificate the trade-mark JOINTIME light-green coloured at the bottom of the page is stamped. In case the owner of the certificate would release a copy of it, he must attest its conformity to the original one taking upon himself the responsibility for any unlawful or not allowed use.

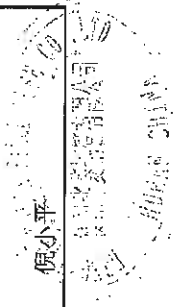
Any alteration and/or falsification will be subject to the law.

If you need to assure the authenticity of this certificate, please do not hesitate to contact Hengyang Valin Steel Tube CO., LTD, E-mail: hsiiec@hysteeltube.com

CUSTOMER THIRD PARTY

Quality Manager: 宋景凌

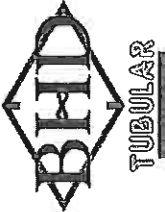
Certificate-maker: 倪小平



PACKING LIST

No. 2586

PG 1 OF 1

 <p>BHD TUBULAR LIMITED 6903 - 72nd Avenue Edmonton, Alberta T6B 3A5 Phone: 780-434-6824 Fax: 780-436-7901 Toll Free: 1-888-939-6824</p>		<p>SHIP VIA CUSTOMER PICK UP</p>		<p>YOUR P.O.# 125596</p>		<p>SHIP DATE 11/08/2012</p>	
<p>SALES REP Brian Hossinger</p>		<p>BUYER PERRY W (780) 632-7774 PHONE (780) 632-6820 FAX</p>		<p>RFQ#:</p>		<p>FUNDS: CDN\$ (UNLESS NOTED)</p>	
<p>SHIP TO RJV GAS FIELD SERVICES 4901 - 47 STREET VEGREVILLE, AB T9C 1C3</p>		<p>PHONE (780) 632-7774 FAX (780) 632-6820</p>		<p>JOB NAME:</p>		<p>PRINT DATE 11/06/2012</p>	
<p>TERMS NET 30</p>		<p>FOB: BHD EDMONTON</p>		<p>DELIVERY: STOCK (UNLESS NOTED)</p>		<p>PRINT TIME 02:41 PM</p>	
LINE	PCS	TOTAL LENGTH	DESCRIPTION	WIDTH	LENGTH	WEIGHT	
1	19	380.000	<p>Benefits: 1@ 20' Location: order bunk 6 Pulled By: ps 3" S140 SMLS SA106B SRL BE CHINESE Item ID: P3216S6SBC PAINT ENDS GREEN</p> <p>THANK YOU FOR THE ORDER</p> <p>Warehouse Tag # Heat # MAIN 10289 1224138</p> <p>PCS 19 Total FT 380.00</p>		RANDOM	2.880	
<p>TOTAL WT 2.880</p>							<p>RECU/RECEIVED <i>[Signature]</i></p>
<p>RECEIVED BY - SIGNATURE</p>				<p>RECEIVED BY - PRINTED NAME</p>			
<p>DATE RECEIVED</p>				<p>DATE RECEIVED</p>			