Heat: 301
Your PO: P0238130-1
Order: 2949298
Line: 1
1 1/4" XH LR 90 A234 WPB

FITTING / ELL 90 LR XH / 1.25 - HEAT : 301

검 사 증 명 서
MILL INSPECTION CERTIFICATE

MATERIAL MEET THE EN10204:2004 3.1

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심적서번호 CERTIFICATE No. : YKB5110 페이지 Page :2 of 3
발행일자 DATE OF ISSUE : 2015.2.7
계약번호 CONTRACT(P/O)No. : YKTT5110 / P.O. 7005403LA
소 재 MATERIAL : ASTM A234/ASME SA234 WPB-2004 NACE MR0175-2003
적용규격 CRITERIA : ANSI B16.9-2007
수요가 CUSTOMER : NORCA INDUSTRIAL COMPANY , LLC

순서 NO	제품규격 DESCRIPTION 각도 × 호칭 × 두께 (ANGLE×OUTDIA×THICK)			수량 QUAN-TITY (PCS)	제강번호 HEAT No.	화학성분(%) CHEMICAL COMPOSITION C	Si	Mn	P	S	Cr	Mo	Ni	Cu	V	* CE	인장시험 TENSILE TEST 항복강도 YIELD STRENGTH	인장강도 TENSILE STRENGTH	연신율 (EL)	경도 HARDNESS		** DELIVERY CONDITION	충격시험(J) IMPACT TEST 흡수에너지 ENERGY	FLATTENING TEST
	SPEC								0.040↓	0.040↓							240↑	415↑	22↑	197↓				
																	kg/㎟		%	HB			J	
13	REDUCING ELI	5 X 4	STD	50	201	0.22	0.25	0.50	0.012	0.010	0.03	0.02	0.01	0.03	0.002	0.32	285	475	29.5	140	146	A		
14	TEE	6 X 3	STD	10	781	0.20	0.22	0.45	0.013	0.012	0.08	0.01	0.06	0.01	0.001	0.30	300	481	29.5	148	150	N		
15	TEE	8 X 4	STD	75	781	0.20	0.22	0.45	0.013	0.012	0.08	0.01	0.06	0.01	0.001	0.30	300	481	29.5	148	150	N		
16	TEE	18 X 8	STD	2	128	0.23	0.30	0.50	0.015	0.006	0.02	0.02	0.03	0.05	0.001	0.33	270	465	30	144	147	N		
17	CAP	18	XH	4	40D	0.18	0.21	0.62	0.010	0.009	0.006	0.001	0.006	0.008	0.002	0.29	300	460	32	147	149	A		
18	90 LR	1.1/4	XH	200	301	0.19	0.25	0.42	0.018	0.008	0.07	0.01	0.02	0.03	0.002	0.28	319	486	32	150	151	A		
19	90 LR	12	XH	4	740	0.20	0.24	0.41	0.020	0.008	0.03	0.01	0.03	0.01	0.002	0.28	280	460	32.5	154	155	A		
20	90 SR	1	XH	20	203	0.20	0.22	0.55	0.020	0.020	0.05	0.01	0.02	0.02	0.001	0.31	305	455	28	152	150	A		
21	180 LR	4	XH	20	645	0.22	0.23	0.55	0.014	0.01	0.18	0.01	0.06	0.02	0.01	0.36	317	491	36	155	157	A		
22	TEE	3 X 1	XH	10	673	0.20	0.21	0.58	0.011	0.012	0.05	0.01	0.01	0.08	0.003	0.32	285	530	28	142	145	N		
23	90 LR	4	S160	10	219	0.20	0.32	0.43	0.017	0.012	0.01	0.01	0.02	0.02	0.001	0.28	275	455	29.5	150	152	A		
24	TEE	16	S60	5	264	0.19	0.28	0.46	0.018	0.020	0.02	0.00	0.01	0.03	0.003	0.27	305	465	30.5	148	149	A		

NOTE:

1.VISUAL & DIMENSION TEST:GOOD

2. MADE FROM SEAMLESS PIPE,CAP AND THE PRODUCTIONS WITH RT IN THE NONDESTRUCTIVE TEST IS MADE FROM PLATE.

* 3. CE=C+Mn/6+(Cr+Mo+V)/5+(Ni+Cu)/15

** 4. A:HOT FORMED WITH FINAL TEMPERATURE BETWEEN 620℃-980℃,AIR COOLING
N:NORMALIZING AT TEMPERATURE 880℃×0.5 HR,AIR COOLING

5. LEAD FREE

NONDESTRUCTIVE TEST		
INSPECTION MODE	NO.	CONCLUSION
UT		
MT	14 15 16 22 24	OK
PT		
RT		

SURVEYOR

본 제품은 관련규격에 합격 되었음을 보증합니다.
WE HEREBY CERTIFY THAT MATERIAL DESCRIBED SPECIFICATION HEREIN HAS BEEN ACCEPTED IN ACCORDANCE WITH THE PRESCRIBED SPECIFICATION AND ORDER

S . H . KANG
INSPECTION MANAGER

YOUNG KWANG BEND CO.,LTD QUALITY ASSURANCE DEPARTMENT MANAGER

YOUNG KWANG BEND CO.LTD