

ORIGINAL



INSPECTION CERTIFICATE
(EN 10204-3.1)
ARAH DAGANG SDN.BHD.

(202899-M)

No.10, Jalan Jasmine 3, SEK BB10, Bandar Bukit Beruntung, 48300 Selangor Darul Ehsan, Malaysia.

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Purchaser
Order No
Starting Material
Country Of Origin

Certificate No : AD/10/20/8196L
Date : 07/10/2020

No	Manufacturing No. (Heat ID No.)	Raw Material Heat No	Article & Size	Heat Treatment (*)	Quantity	Specification for Inspection	ASME B16.9 - 2012
							NACE MR-01-75-03
1	UF151H	19308117	10" L.R. 90 STD ELL WPB	A	130	Specification for Material	ASTM A234/A234M-07/ASME SA-234/SA-234M-08 (WPB)
2	UM107E	41480H	12" L.R. 90 STD ELL WPB	A	385	Appearance (Visual)	Satisfactory
3	H12	5104909	1" L.R. 45 STD ELL WPB	A	200	Dimension	Satisfactory
4	B47H	317587	3.1/2" L.R. 45 STD ELL WPB	A	30	Certification	Certified acc. to PED 97/23/EC
5	BN82	19212872	4" L.R. 45 STD ELL WPB	A	330	Note : INVOICE NO	AD/EX/1821/20
6	BBK702	WG190100163	18" L.R. 45 STD ELL WPB	A	10		
7	CS6	20601-41	1.1/4" L.R. 90 XH ELL WPB	A	300		
8	C35	WB021804237	1.1/2" L.R. 90 XH ELL WPB	A	52		
9	C37	WB021804237	1.1/2" L.R. 90 XH ELL WPB	A	248		
10	CK88	WB021809107	2" L.R. 90 XH ELL WPB	A	300		

Specification	Chemical Composition											Tension Test (20°C)			Hardness (HB)	Pipe Maker	(*)Steel Making Process			
	C	SI	Mn	P	S	Cu	Ni	Cr	Mo	V	NB	Yield Strength	Tensile strength	Elongation						
	x100	x100	x100	x1000	x1000	x100	x100	x100	x100	x100	x100	P.S.I [MPA]		%						
Min		10	29									35,000	60,000	30	197 HB MAX					
Max	30		106	50	58								95,000							
Heat No.																				
1	19308117	15	23	93	17	4.6	6	2.1	9.5	3.1	<1	<1	L	53900	70000	37.41	146-149	HENGYANG	Y	
2	41480H	20	23	56	15	6	2	4	6	<1	<1	2	L	54500	76000	36	156-159	BAOSTEEL	Y	
3	5104909	20	24	52	10	17	1	0	2	0	0	0	L	67500	86000	32	174-179	HENGYANG STEEL	Y	
4	317587	13	14	73	7	4	5	3	4	2	0	0	L	61100	79800	39.2	163-167	BAOSTEEL	Y	
5	19212872	17	24	40	17	6.2	4.6	1.4	9.8	2.7	<1	<1	L	59100	80300	40	167-170	HENGYANG	Y	
6	WG190100163	14	22	130	8	6	7	3	6	1	1	1	L	49100	70300	36.6	146-149	JINGJIANG	Y	
7	20601-41	20	25	48	19	19	3	1	4	0	0	0	L	62000	82100	38	170-174	BAOSTEEL	Y	
8	WB021804237	20	20	39	18	13	1	<1	2.1	<1	<1	<1	L	38300	85300	37.2	174-179	WEIFANG WEIERDA	Y	
9	WB021804237	20	20	39	18	13	1	<1	2.1	<1	<1	<1	L	38300	85300	37.2	174-179	WEIFANG WEIERDA	Y	
10	WB021809107	20.3	21.5	39.4	15	11	<1	<1	1.6	<1	<1	<1	L	57900	75200	34.4	156-159	WED	Y	

(*)
A) Hot Forming operation : at a temperature between 690°C ~ 980°C and cooled in still air.
S) Cold Forming operation : Normalizing at a temperature between 850°C ~ 910°C and cooled in still air.
Y = Basic oxygen process L = Longitudinal
E = Electric furnace T = Transverse

We hereby certify that the product described herein has been manufactured in accordance with the specification concerned and also with the purchaser's requirement and the result of all examination and test are acceptable.



Handwritten signature and red seal of the Factory Manager.

Factory Manager