

UNIMECH(SHANGHAI)CO.,LTD

MILL CERT

TO:UNIMECH ENGINEERING(M)SDN.BHD

Certificate EN 10204/DIN 50049-3.1B

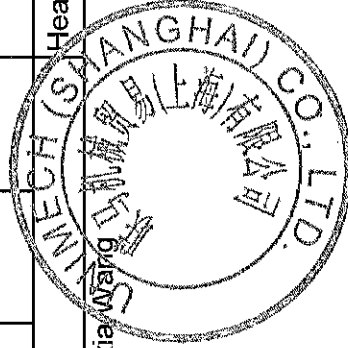
No	Name	Material	Standard	QTY	Heat No	Batch No												
1	HALF COUPLING NPT 3000# 1/2"	A105	ASME B16.11	100	2206-00863	29N43												
Chemical Composition%																		
No	C	Si	Mn	P	S	Cr	Ni	V	Cu	Nb	CE	Yield Strength Mpa	Tensile Strength Mpa	Elongat 10%	R.A. %	Impact Hardness		
1	0.20	0.22	0.83	0.017	0.012	0.09	0.02	0.001	0.037	0.003		288	534	28	50	130-154		
Mechanical Properties																		
Surface Inspection:OK													Dimension Inspection: OK		MT/PT		Heat Treatment : OK	

Signatory: Xiao Xu

Date: Oct.20,2020

Inspection:

Jingxiao Wang

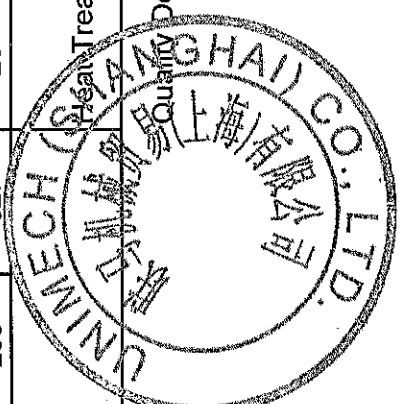


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MILL CERTIFICATE

CUSTOMER: UNIMECH ENGINEERING(M)SDN.BHD Certificate EN 10204/DIN 50049-3.1B

Item No.	Produce Name	Material	Standard	QTY(pcs)	(Heat No)	(Batch No)										
1	NPT ELBOW 90DEG 3000# 1/2"	A105	B16.11	1000	801	29M02										
2	SW R.SOCKET 3000# 1" X 3/4"	A105	B16.11	1000	81H	29M02										
3	NPT ELBOW 45DEG 3000# 1/2"	A105	B16.11	1000	801	29M04										
Mechanical Properties																
Item No.	Chemical Composition%			Mpa Yield Strength	Mpa Tensile Strength	% Elongat	%R.A.	Impact	Hardness							
1	C	0.19	P	0.013	0.009	0.03	0.02	0.005	0.03	0.003	0.003	286	527	28	38	132-157
2	Si	0.22	S	0.009	0.009	0.03	0.02	0.005	0.03	0.003	0.003	286	527	28	38	132-157
3	Mn	0.84	Cr	0.03	0.009	0.03	0.02	0.005	0.03	0.003	0.003	286	527	28	38	132-157
Surface Inspection : OK							Dimension Inspection : OK		MT/PT		Heat Treatment: OK					



Signatory: Xiaoge Dong

Date : May 20, 2021

Inspection: Jing Xia Wang

Quality Department(Sign) :