wenzhou Shengzhong Petrochemical Equipment Co.,ltd

MILL TEST CERTIFICATE REPORT

NO.2888,Ruifeng Road(Taoshan Area),Taoshan Town,Ruian City Zhejiang Province,P.R.China

DATE:2024.6.24

CLIENT :JC fabrica de valvulas,s.a. ISO 9001 / approved CE 2014/68/EU / approved MAT. CERT. Nº: SZ20240624127

PO No.:		PO DATE ,		Tensile Test bar	Dimension (mm)	Section (mm^2)	Length (mm)	Testing Temperature (℃)	Brinell Hardness	Load (Kg.f)	Location	Impact Test	Impact block size (mm)	Impact direction
Material Specification	ASTM A216/A216M WCB-ed 21	Certificate type	DIN 50049 – EN 10204 – 3.1	Actual	12.5	122.7185	50	room temp	Actual	3000	surface	-29℃	10*10*50	transverse

COMPONENT	5150401002			Chemical Composition													Mechanical Properties						Impact Test			
DWG/PATERN Nº	0515040L																									
NAME:COVER Size:1-1/2" Class :150#				sample	C	Mn	S	P	Si	Cr	Ni	Mo	Cu	V			YS	UTS	EL	ROA	Hardness		Energy value (J) min 27J			
Heat Treatment	Temp(℃)	Time (h)	Cooling Method																							
Normalizing	900℃	2.5-3h	air cooling		%												(Mpa)	(Mpa)	(%)	(%)	(HBW)	AVG.	No. 1	No. 2	No. 3	T
Heat No.	Qty.			Min	Ingot casting												250	485	22	35						(℃)
				Max		0.25	1.00	0.035	0.035	0.60	0.50	0.50	0.20	0.30	0.03			655				225				
2E123	52					0.204	0.871	0.012	0.019	0.487	0.092	0.017	0.003	0.015	0.001		365	546	28	56	175-174-173	174	42	43	52	-29

1.-Visual inspection:accepted according to PSO4/I1 Rev 9.Other information:no major repairs carried out.
2.-We certify that the above material has been manufactured and processed according to requirement of the above P.O.
3-These supply materials are in accordance with NACE MR 01-75/ISO 15156 and NACE MR 01-03/ISO 17945.

温州盛中石化装备有限公司 质量部

Authorised Inspector's Name, Signature & Date: 黄据科 2024.6.24 HUANG JU KE

Engineer Q.A's Name, Signature & Date: 黄晓清 2024.6.24 HUANG XIAO QING

Laboratory Incharge's name , Signature & Date: 胡兴廷 2024.6.24 HU XING TING