



AKSUNNA TECHNOLOGIES PVT. LTD.

Works : Survey No. 177, Plot No. 3, NH 27, Village : Bharudi, Tal. Gondal, Dist. Rajkot. - 360 311
Ph. (02825) 280224, 280000

INSPECTION CERTIFICATE

THIS CERTIFICATE HAS BEEN PREPARED AS PER DIN EN 10204 3.1

TC No. : JCCMP-2122000739 / 9 / 1.0619 / BS11 / 158/21-22

Name of Customer : JC VALVULAS INDIA PVT. LTD.
Certificate Confirms To : EN 10204 3.1
Material Specification : EN 10213 2007+A1:2016(E) GR. : 1.0619

DC No. : 158/21-22 - 23/10/2021
Invoice No. : 158/21-22 - 23/10/2021

Purchase Order No. : JCCMP-2122000739 - 13/08/2021
Order Acceptance No. : 0076/21-22 - 10/08/2021

SPECTRO CHEMICAL ANALYSIS

Heat No.	Pouring Date	C %	Si %	Mn %	P %	S %	Cr %	Ni %	Mo %	Cu %	V %	CE			HTB No.
Min.	--	0.180		0.500											
Max.	--	0.230	0.600	1.200	0.030	0.020	0.300	0.400	0.120	0.300	0.030	0.430			
BS11	11/09/2021	0.190	0.460	0.880	0.021	0.014	0.049	0.020	0.008	0.014	0.006	0.352			03/755/21 & 03/756/21

MECHANICAL PROPERTIES

	ASTM A370-19				ASTM A370-19	ASTM A370-19					
Heat No.	YS MPa 0.2 %	UTS MPa	Elgn. % 22	R.A. %	Hardness HRB	Impact Test at -29 °C (Min. Joule)				Part Description / Drg. No.	Qty. (Dispatch)
Min.	240.00	420.00	22.00		70.00	1	2	3	Avg		
Max.		600.00			88.00	27J	27J	27J	27J		
BS11	290.00	547.41	35.28	--	77-79	46	48	42	45.33	BODY DN65 516 Cust. Drg. No. : 0516065CM Rev. No. : 08 Mach. Drg. No. : 0516065C Rev. No. : 5 Customer Part ID : C0516A065-037 PO Line No. : 9	31

Casting Process : Melting By Electric Induction Furnace
Dimensional Inspection : Accepted as per respective component drawing
Visual Inspection : 100% Checked and Found Satisfactory As Per MSS SP 55 & BS ISO 19959:2005 STD.
Heat Treatment : Quenching at 920°C Temp, 1:00Hour/Inch Soaking Time Then Water Quenching & Tempering at 680°C 02:00 Hour Per Inch Socking Time Then Air Cool.
Surface Condition : Shot Blasted
Note : Materials are free from radio active contamination

Conclusion : Material Confirms to EN 10213 2007+A1:2016(E) GR. : 1.0619 Specification.

This alloy meets basic requirement of EN 10213 2007+A1:2016(E) GR. : 1.0619. Casting Confirms to Casting Confirms to NACE MR 0175-2015/MR 0103-2016 & ISO15156.. AD 2000 Merblatt W0 and Certified according to PED (2014/68/EU) by Certification body for Pressure Equipment of TUV NORD System, Notified Body Reg. No.0045

UJAS MAKAVANA
(LABORATORY ASST.)

RAJESH VACHHANI
(QA MANAGER)

Jaydeep Kapadiya
(WORK INSPECTOR)