



SREE MAHALAKSHIMI INDUSTRIES

(ISO 9001:2015 CERTIFIED COMPANY)

INSPECTION CERTIFICATE (AS PER EN 10204 3.1)

CUSTOMER	JC VALVULAS INDIA PRIVATE LIMITED, CHENNAI	OUR T.C No.	SMI/GST/046/24-25/01
P.O. No.	JCCMP-2324001869 ✓	DATE	29.04.2024
PART NAME	STEM DN300 CL.600 ✓	OUR INV No.	GST/046/24-25 ✓
PART No.	XEP-300-2560N-06-357 ✓	MILL TC No.	41239
DRG No.	XEP-300-2560N-06/4 ✓	HEAT No.	225045 ✓
DRG REV No.	04 ✓	QTY (No's)	2 ✓

MATERIAL: ASTM A182 Gr.F6A CL.2 - 23 ✓

CHEMICAL PROPERTIES

LABORATORY TEST REPORT NO:		TSPL/T/03/240302-10/C-5994-007					DATED:		06.03.2024	
%	C	Si	Mn	P	S	Cr	-	-	-	
MIN						11.50 ✓	-	-	-	
MAX	0.15 ✓	1.00 ✓	1.00 ✓	0.040 ✓	0.030 ✓	13.50 ✓	-	-	-	
ACTUAL	0.120 ✓	0.39 ✓	0.520 ✓	0.027 ✓	0.028 ✓	11.57 ✓	-	-	-	

MECHANICAL PROPERTIES

LABORATORY TEST REPORT NO:		TSPL/T/03/240302-10/M-0094-007			DATED:		09.04.2024	
PARAMETER%		MIN		MAX		ACTUAL		
TENSILE STRENGTH IN Mpa%		585 ✓		-		875 ✓		
YIELD STRENGTH IN Mpa 0.2% OFFSET		380 ✓		-		771 ✓		
ELONGATION IN GL OF 50mm%		18 ✓		-		18 ✓		
REDUCTION IN AREA %		35 ✓		-		59 ✓		
HARDNESS	BHN	167 ✓		229 ✓		220 ✓		

METALLURGICAL PROPERTIES

I.G.C	E	: NIL
IMPACT		: NIL
MICRO		: NIL
Others		: NIL

HEAT TREATMENT	REPORT NO:0124	DATE:08.04.2024
	PROCESS CYCLE NUMBER: 24C 165-1,24C 165-2,24C 165-3	
	1) Normalizing at 1000°C/3hrs soaking fast air cool ✓	
	2) 1st temperad at 740°C/3hrs soaking air cool ✓	
	3) 2nd tempered at 680°C/3hrs soaking air cool ✓	

REMARKS:

- 1) We hereby certify that the items above have been tested and inspected in our presence in accordance with drawings and satisfy the requirements of "ASTM A182 Gr.F6A CL.2 - 23" The results comply with product description.
- 2) Material confirms to NACE MR0175/ISO -15156-2020 and NACE MR0103/ISO-17945-2016.
- 3) Materials Free From Radioactive contamination.
- 4) Visual and Dimensional Found satisfactory as per drawing.
- 5) Markings done according to MSS-SP-25.
- 6) No weld Repair performed.
- 7) MARKING, PUNCH IDENTIFIED AS DESC., HEAT NO, F6A.CL2 & (M). ✓
- 8) Material is ultrasonically tested as per ASTM A388/388M & Found satisfactory
- 9) JC-MDS-357 REV 5 ✓

JC Valvulas India Pvt. Ltd.

Chennai, Tamil Nadu, India

Verified & Accepted

Q.A.

WE HEREBY CERTIFY THAT THE ITEMS MENTIONED ABOVE HAVE BEEN TESTED, INSPECTED & FOUND TO BE IN ACCORDANCE WITH THE SPECIFICATION REQUIREMENTS.

	For - SREE MAHALAKSHIMI INDUSTRIES
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PREPARED BY : Mr. Elaiyaraja-QUALITY HEAD	APPROVED BY : Mr. Elaiyaraja-QUALITY HEAD
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