

345 Carlingview Drive Toronto, Ontario M9W 6N9 Tel.: 416.734.3300 Fax: 416.231.1626 Toll Free: 1.877.682.8772

www.tssa.org

April 3, 2024

LAL METAL FORGE PVT LTD A-7/1/13 SOUTH SIDE OF GT RD INDUSTRIAL AREA UTTAR PRADESH GHAZIABAD 201001

Workorder Type: Registration - Fitting(Conventional) Workorder No: 14263523 Your Reference No.: Registered to: LAL METAL FORGE PVT LTD

Dear SAMARTH AGGARWAL,

Technical Standards and Safety Authority (TSSA) is pleased to inform you that your submission has been reviewed and registered as follows:

CRN : 0B25152.5 Main Design No.: Scope of Registration Expiry Date: Apr 03, 2034

Please be advised that a valid quality control system must be maintained for the fitting registration to remain valid until the expiry date.

The stamped copy of the approved registration and the invoice are mailed separately (There will be no hard copies for electronic submissions). Should you have any questions or require further assistance, please contact a Customer Service Advisor at 1.877.682.TSSA (8772) or e-mail customerservices@tssa.org. We will be happy to assist you. When contacting TSSA regarding this file, please refer to the Service Request number provided above.

Yours truly,

MT

Mehdi Talebi Engineer, BPV Tel.: +1 416-734-3413 Email:mtalebi@tssa.org



Technical Standards and Safety Authority 345 Carlingview Drive Toronto, Ontario M9W 6N9 www.tssa.org

Show facsimile of manufacturer's logo or trademark, as it will appear on the fitting, in the space below



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I, SAMARTH AGGARV		, R	egistration	of Fittings				
			g. President, Plant	Manager, Chief Fr	aineer)	-		
Of LAL METAL FORG				nen-gor, enior en	gincery			
		()	Varrie of Manufactu	irer)				
Loosted at A 714140.0								
Located at <u>A-7/1/13.Se</u>	outh Side of GT	Road, Indu	ustrial Area.	Ghaziabad	India	+9199993	Contraction of the second s	
7						(Telephon		(Fax No.)
do solemnly declare Boilers and Pressu ASTM, ASME, Ret					of	al Standar	ds and Sa	fety Act,
		(Title of record	nizod North Americ	an Olanda I			-	
Which specifies the dir	mensions, materials	of constructio	n, pressure/ten	perature rating	gs, identifio	cation marki	ng the fitting	s and service
or are not covered b	by the provisions of	a recognized	North Americ	an standard a	nd are the	erefore man	ufactured to	o comply with
	As su	poorted by the	e aπached data	which identifi	as the din	onciona m	otonial of an	
pressure/temperatu								
I further declare that the ma	anufacture of these	fittings is cont	rolled by a qua	lity system me	eting the	equirement	s of ISO900	00:2015
vvilicit	has been verified	by the follow	ing authority	Quality Rese	arch Oras	nization		
rise items covered by this	declaration, for wh	nich I seek re	gistration, are	category B F	langes: A	II Flanges t	type fittings	. In
Sophort of this application,	uct Range and ISO	nation and/or	test data are a	attached as fo	lows:			
	det Narige and 150		, calculations, test r	enorts etc.)				
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*InformationprovidedinthisapplicationisreleasableundertheFreedomofInformationandPrivacyProtectionAct and may be disclosed upon request. PV09553(04/17) See attached documents for Scope of Registration.

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SCOPE OF REGISTRATION

Product Description & Catalog/Brochure/Data-Sheet No. 0B25152.5

0B25152.5 Technical Standards and Safety Authority Boilers and Pressure Vessels Safety Program

LAL	METAL	FORGE	PUT.	LTN.
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Product Model or Series	ASME/ANSI Design standard	Size or Size range	Std. Pres/sure Class or MAWP @ Max. Temperature	Actual wall thickness vs. Min. required (if no proof test report)	Ref. calculation No or Proof test report	ASME/ASTM Material specification
Flonges				. ,		Carbon Steel
WNRF	ASME BIG.5		0.15. 0		din la come	SA105
SORF	ASME BIG.5	0.5"+0.24"	CL150, CL300 CL400, CL600	A's Per Standord		SA 350
BLRF	ASME BIG.5		CL900, CL1500	ASME BIG.5	Stondard	Stainless Steel
SWRF	ASME B16.5					SA182 F 304L F316L, F347, F3
LWN	ASME B16.5	0.5"+0 24"	CL 2500			Alley Steel
						SA182 F 11, FS, Fe
						F91, F22 Duplex Stainless
						SA182 Grf51
						F53, F55, F60

SCOPE OF REGISTRATION

Product Description & Catalog/Brochure/Data-Sheet No.

THIS IS PART OF CRN 0B25152.5 Technical Standards and Safety Authority Boilers and Pressure Vessels Safety Program

LAL METAL FORGE PUT. UD.

Product Model or Series	ASME/ANSI Design standard	Size or Size range	Std. Pres/sure Class or MAWP @ Max. Temperature	Actual wall thickness vs. Min. required (if no proof test report)	Ref. calculation No or Proof test report	ASME/ASTM Material specification
01						Carbon steel
langes						SA105, SA350
			CL75, CL150	As per standard	As ber ASME	
INRF	ASME B1647	26"+0 60"		ASME BIG.47		SA182 F 304L
SLRF	Series A / Series B		CL 900			F316L, F347, F
						Alloy steel
						SA182 F112 F 5
-						F9, f9, f9, f22
		a new second				
						Duplex Stainly
						SA 182 FSI,
						F53, F55, F

SCOPE OF REGISTRATION

Product Description & Catalog/Brochure/Data-Sheet No.

THIS IS PART OF CRN 0B25152.5 Technical Standards and Safety Authority Boilers and Pressure Vessels Safety Program

LAL METAL FORGE PUT. UTD.

Product Model or Series	ASME/ANSI Design standard	Size or Size range	Std. Pres/sure Class or MAWP @ Max. Temperature	Actual wall thickness vs. Min. required (if no proof test report)	Ref. calculation No or Proof test report	ASME/ASTM Material specification
Claman						Carbon Steel
Flonges						SA105, 5A 350
						Stainless Steel
Spectacle	ASME BIG.48	0.5"+024"	CL150, CL300			SA182 F 3042
Blind				As per Standard ASME B16.48		F316L, F347, F
			CH900, CL1500	MSINC DIDITO		Alloy stee) SA182 F11, FS, F
						F91, F22
		0.5".to 24"	CL 2500			Duplex Stainless
						<u>5A 182 F 51,</u>
						F53, F55, F60

SCOPE OF REGISTRATION

Product Description & Catalog/Brochure/Data-Sheet No.

0B25152.5 Technical Standards and Safety Authority Boilers and Pressure Vessels Safety Program

THIS IS PART OF CRN

LAL METAL FORGE PVT. UTD.

Product Model or Series	ASME/ANSI Design standard	Size or Size range	Std. Pres/sure Class or MAWP @ Max. Temperature	Actual wall thickness vs. Min. required (if no proof test report)	Ref. calculation No or Proof test report	ASME/ASTM Material specification
						Carbon Steel
Onific flomge	ASME	1" to 2411	CL300, CL900	As per standard	A CONTRACT OF	
flomge	B16.36		CL600, CL 1500			Stainless Steel
						SA182 f 304 L
		111- +0 2411	CL 2500			F316L, F347, F321
			1 Marsh Artub			
						Alloy steel
						SA182 FII, 65
						F9, F91, F22
						Duplex Stainless St
						SA102 F51, F53
						FS5, F60



Lal Metal Forge P. Ltd.

Mfrs. of Heavy & Light Forgings in Close Die & Open Forgings

An ISO, PED, EIL, IBR, GSPL, Thyssen Krupp & ONGC Certified Company Reg. Office & Unit-I A-7/1/13, Electro Steel Casting Unit-II C-94, Site-I Bulandshahar Road, Compound, South Side of G.T. Road, Indl. Area, Industrial Area, Ghaziabad - 201002 E-mail : marketing@lalmetalforge.in, sales@lalmetalforge.in Opp. Rathi Steel & Power Ltd. Ghaziabad-201009 (U.P.) India

- Phone : + 91-8929585275, +91-9667834928
 - : qc@lalmetalforge.in
- website : www.lalmetalforge.in CIN : U27104UP2005PTC029567

LIST OF MANUFACTURING LOCATIONS

UNIT-I LAL METAL FORGE PVT. LTD.

A-7/1/13, ELECTRO STEEL CASTING COMPOUND, SOUTH SIDE OF GT ROAD, **INDUSTRIAL AREA, OPP. RETHI STEEL & POWER LTD.**

GAHZIABAD-201009, UTTAR PRADESH, INDIA

UNIT-II LAL METAL FORGE PVT. LTD.

C-94, SITE-I, BULANDSHAHAR ROAD, **INDUSTRIAL AREA**

GAHZIABAD-201002, UTTAR PRADESH, INDIA