



STEELFIT ENGINEERING CO.

Plot No. 2917, 2918 , 2902 & 2606 , Phase -IV, G.I.D.C., Vatva,
Ahmedabad - 382 445, Gujarat (India)

Ph No. [F] +91 -079-25840861

Email: - steelfit@rediffmail.com
steelfitengg@gmail.com

Web site: - www.steelfitengg.com

GST NO : 24AAFFS7471L1ZR

PAN NO : AAFFS7471L



Overview of Company

STEELFIT engineering co. established in the year of 1983.

We manufacturing various type & size of dished end, pipe caps, cone, Expansion bellow, swage connection, pipe bending in all types of material i.e. CS, SS, MS, AS, Aluminium, copper, Monel, duplex construction as per customer requirement.

We follow ASME, ASTM, EN, IBR-1950, IS, BIS, DIN, PD 5500, NACE, and other customer Product standard and technical delivery condition.

We cater the requirement of Indian and overseas market for Power sector, Petrochemicals, Fertilizers, Water treatment plant, Cement Industries, Agriculture Machinery, including space industries etc.....

We are associated with various TPI's viz. LRA, TUV, TUV sud, BVIPL, SGS, DNV GL, IBR, JACOB, TATA PROJECTS, BARC, NPCIL, IRS etc.....

We committed to continuous improvement & complete customer satisfaction. We are dedicated to doing things right the first time and providing on time defect free product conforming to all known requirements.

We are committed to quality, integrity and excellence in all areas of business. We pledge to monitor our performance as an on-going activity and strive for continual improvement.

We will adhere to applicable statutory and regulatory requirements.

Infrastructure of Company

1	Plot Area	5200 Sq. Mtrs with strong RCC Floor	
2	Covered Area	3980 Sq. Mtrs Built Area with strong RCC Floor	
3	Uncovered Area	480 Sq. Mtrs Suitable for storage & scrap	
4	Office Area	200 Sq. Mtrs	
5	Stores	540 Sq. Mtrs	
6	Handling Facility	A	Size of shed No-1: 13 Mtrs W X 42 Mtrs Long 10 Tons EOT Crane with 7.5 Mtrs Clear Hook Height = 1 No. 5 Tons EOT Crane with 7.5 Mtrs Clear Hook Height = 2 Nos.
		B	Size of shed No-2: 11.5. Mtr. W X 42 mtr Long 10 Tons EOT Crane with 7.5 Mtr. Clear Hook Height = 1 No. 5 Tons EOT Crane with 7.5 Mtr. Clear Hook Height = 1 No..
		C	Size of shed No-3: 14 Mtr.W X 42 Mtr. Long 10 Tons EOT Crane with 7.5 Mtr. Clear Hook Height = 1 No. 5 Tons EOT Crane with 7.5 Mtr. Clear Hook Height = 1 No.
		D	Size of shed No-4: 17.5 Mtr.W X 42 Mtr. Long 30 Tons EOT Crane with 8 Mtr. Clear Hook Height = 1 No. 10 Tons EOT Crane with 8 Mtr. Clear Hook Height = 1 No.
		E	Size of shed No-5: 13.32 Mtr.W X 42 Mtr. Long 5 Tons EOT Crane with 8 Mtr. Clear Hook Height = 1 No. 10 Tons EOT Crane with 8 Mtr. Clear Hook Height = 1 No.
		F	Size of shed No-6: 11.15 Mtr.W X 42 Mtr. Long 5 Tons EOT Crane with 8 Mtr. Clear Hook Height = 1 No. 10 Tons EOT Crane with 8 Mtr. Clear Hook Height = 1 No.
		G	Size of shed No-7: 11.32 Mtr.W X 42 Mtr. Long 5 Tons EOT Crane with 8 Mtr. Clear Hook Height = 1 No. 30 Tons EOT Crane with 8 Mtr. Clear Hook Height = 1 No.

Manufacturing facilities and their Capacity

1	Cold Flanging Machines (Spinning Machines)	A	4.5 Mtrs x 32 mm thk	01 No
		B	4.0 Mtrs x 16 mm thk	01 No
2	Self-Fabricated Hydraulic Presses	A	1200 tons capacity 6.5 Mtrs dia x 75 mm thk (HP-10)	01 No
		B	1000 tons capacity 4.6 Mtrs dia x 60 mm thk (HP-8)	01 No
		C	600 tons capacity 5.0 Mtrs dia x 50 mm thk (HP-6)	01 No
		D	600 tons capacity 4.5 Mtrs dia x 50 mm thk (HP-11)	01 No
		E	500 tons capacity 4.0 Mtrs dia x 22 mm thk (HP-7)	01 No
		F	400 tons capacity deep drawing die-punch (HP-4)	01 No
		G	350 tons capacity 3.5 Mtrs dia x 25 mm thk (HP-3)	01 No
		H	250 tons capacity 2.0 Mtrs dia x 16 mm thk (HP-9)	01 No
		I	250 tons capacity deep drawing die-punch (HP-5)	01 No
		J	200 tons capacity die-punch dished end press (HP-2)	01 No
		K	100 tons capacity cone & ring bending (HP-1)	01 No
		L	150 tons capacity die-punch dished end press (HP-12)	01 No
3	Cutting equipment's	A	CNC plasma & oxy fuel cutting 3.5 Mtrs width x 15.0 Mtrs length (SS = 60 mm max & MS/CS = 300 mm max)	01 No
		B	Portable plasma machine	02 Nos
		C	Gas cutter	06 SET
		D	Pug machine	04 Nos

Manufacturing facilities and their Capacity

4	Welding Machine	A	Rectifier	06 No
		B	TIG welding set	02 No
		C	SAW Machine (1200 Amps)	01 No
5	Punching Machine	A	Portable CNC punching machine for Low stress	01 No
6	Lathe Machine	A	Center Lathe (6'-5")	03 Nos
		B	Center Lathe (4'-5")	02 Nos
		C	Center Lathe (6')	01 No
7	Radial Drilling Machine	A	1.5" Dia capacity	01 No
		B	Magnet Stand of Drill machine 1" Dia capacity	03 Nos
8	Pipe Bender	A	1/2 " to 2" Pipe Bender	01 No
9	Hacksaw Machine	A	7" Dia . Capacity	02 Nos
10	Air Compressor	A	5 H.P	02 Nos
11	Portable Grinder	A	AG 7 & AG 5	18 Nos

List of Our Valuable Customer



List of Our Valuable Customer



Institute for Plasma Research
प्लाज्मा अनुसंधान संस्थान



إتقان للخدمات الصناعية
ITQAN Industrial Services
A Name You Can Trust



Patels Airtemp (India) Limited



Testing Facility available in House

DP Test



Digital Hardness Tester



Digital Ultrasonic Thickness Gauge



Hydro test



Working with various Third Party Inspection agency



Certification of Approval



CERTIFICATE

Management system as per
ISO 9001 : 2015

The Certification Body TÜV NORD CERT GmbH hereby confirms as a result of the audit, assessment and certification decision according to ISO/IEC 17021-1:2015, that the organization

STEELFIT ENGINEERING CO.
Plot No. 2917, 2918, 2902 & 2606, Phase-IV,
GIDC, Vatva, Ahmedabad - 382 440,
Gujarat,
India



operates a management system in accordance with the requirements of ISO 9001 : 2015 and will be assessed for conformity within the 3 year term of validity of the certificate.

Scope -

**Manufacture & Supply of Heavy Fabricated Components like
Dished End & Pipe Caps.**

Certificate Registration No.44 100 22393835
Audit Report No.2.5-11052/2022

Valid from 24.12.2022
Valid until 23.12.2025
Initial certification 28.01.2008

Certification Body
at TÜV NORD CERT GmbH

Mumbai, 19.12.2022

TÜV NORD CERT GmbH

Am TÜV 1

45307 Essen

www.tuv-nord-cert.com

TUV India Pvt. Ltd., 801, Raheja Plaza – 1, L.B.S. Marg,

Ghatkopar (W), Mumbai - 400 086, India www.tuv-nord.com/in





Office of the Director of Boiler, Gujarat State

3rd Floor, D Block, Bahumali Bhawan, Manjushri Mill Compound, Asarva, Girdharnagar
Ahmedabad- 380004.

e-mail :- cibsm-lab-ahd@gujarat.gov.in & Web site :- <http://www.boiler.gujarat.gov.in>

No. DOB/TECH/2023/CA062022-20230001468

Date:04/11/2023

To,
STEELFIT ENGINEERING CO.,
PLOT NO 2917,2918 & 2902 PHASE IV G.I.D.C VATVA AHMEDABAD,382445

Sub : Extension of Approval of your workshop for Manufacturing of Dished Ends, Expansion Bellows & Pipe Caps for Pressure Vessels and Heat Exchanger under inspection of IBR - 1950 Code.

- Ref: 1. First approval letter no DOB/TECH/2009/17148 dtd. 06/10/2009
2. Your application no.A0032023-20240002213 dtd. 16-08-2023
3. This office Inward no.2023BWCIB1846467884 dtd. 16-08-2023
4. Government of Gujarat Notification No. GR - 2007 - 73 - IBA - 1099 - 1895 (1) - M - (3)
dtd. 31/08/2007

Sir,

With reference to above you subject & referred letter the approval granted to your firm for "Manufacturing of Dished Ends, Expansion Bellows & Pipe Caps for Pressure Vessels and Heat Exchanges" under inspection of IBR -1950 is extended for Two year more. i.e from 06/10/2023 to 05/10/2025 other conditions are remains same as per reference letter 1

Online receipt No.2278173 of Rs.10000.00 dtd.20/09/2023 for registration / renewal fees is received.
Also you shall apply for renewal of their firm recognition at least two months before the expiry of said period.

Yours Faithfully,

Signature valid

Digitally signed by BIPIN KUMAR
HIMMATLAL PATEL
Date: 2023.11.23 11:46 IST
Reason: Approval
Location: Gandhinagar

Shri B. H. Patel

Director of Boilers,
Gujarat State, Ahmedabad.

Copy to: D.O.B / TECH /2023 /CA062022-20230001468 04/11/2023 Dated
Shri T V Patel, Assistant Director of Boilers, Ahmedabad for information and necessary action.


इंजीनियर्स इंडिया लिमिटेड **ENGINEERS INDIA LIMITED**
 (भारत सरकार का उपक्रम) (A Govt. of India Undertaking)

पंजीकृत कार्यालय : इंजीनियर्स इंडिया भवन, 1, भीकएजी कामा प्लेस, नई दिल्ली-110066
 Regd. Office : Engineers India Bhavan, 1, Bhikaiji Cama Place, New Delhi-110066

Procurement Development Department

Ref: 4994/PDD/I/E/S389

9th June, 2011

M/s Steelfit Engineering Company
 Plot No. 2917 & 2918, Phase IV
 GIDC, Vatva, Ahmedabad – 382 445

Subject : Enlistment with EIL

Dear Sirs,

We refer to your request on subject matter and are pleased to inform that you have been enlisted with EIL for the items as described below:

Item Description	Material / Range		
	Max Dia	Thickness	Material
Dish Ends (Press) Carbon Steel	4.5Mtr.	50mm	CS
Dish Ends (Spun) Carbon Steel	4.0Mtr.	36mm	CS
Dish Ends (Spun) Stainless Steel	4.0Mtr.	28mm	SS

(This enlistment is valid for your works located at Plot No. 2917 & 2918, Phase IV, GIDC, Vatva, Ahmedabad – 382 445).

Please note that this enlistment is subject to satisfactory execution of orders in delivery and quality of above mentioned item when ordered for our various projects.

Further, it may be noted that any change in the product range, location of Works/Sales Office, Management/ Organisation structure etc. shall be intimated to us immediately along with relevant document for our necessary action. In case, information to any of the above referred changes is not intimated timely, our enquiries may not reach you.

Enlistment with EIL shall not guarantee any regular flow of enquiries.

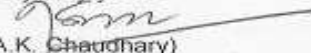
In the event of direct / indirect orders for EIL associated projects, materials will be supplied strictly as per the conditions stipulated in this letter, failing which your enlistment with EIL is liable to be cancelled.

The validity of this ENLISTMENT is upto 30th June, 2014.

You are advised to apply for revalidation "on-line", 6 months before expiry of the enlistment. Detailed procedures for revalidation can be seen on our website www.engineersindia.com.

Thanking you,

Very truly yours


 (A.K. Chaudhary)
 Dy. General Manager
 Procurement Development Department

उत्कृष्टता का आधार - हमारे कर्म

DELIVERING EXCELLENCE THROUGH PEOPLE

फोन/Phone : +91-11-26762121(EPABX)

फैक्स /Fax : +91-11-26192520

+91-11-26187622

Visit us at <http://www.engineersindia.com>

E-mail : pdd@eil.co.in

हिन्दी देश की एकता की कड़ी है।





Decide with Confidence

This is to certify that
Steelfit Engineering Co.
Plot No. 2917 & 2918, Phase – IV, G.I.D.C., Vatva
Ahmedabad - 382 445, Gujarat, India
is now part of the
Dun & Bradstreet Global Database
and has been assigned the
D&B D-U-N-S® Number: 91-813-0121

For Dun & Bradstreet Information Services India Private Limited

Authorized Signatory

December 07, 2010

The fact that this business is registered in the D&B database should not be construed as suggesting that credit or any other financial or business transaction should be approved, denied, restricted or delayed. It only signifies that there is sufficient information in the database to assign a D&B D-U-N-S® Number.

D&B D-U-N-S® Number is a registered number of Dun & Bradstreet Corporation, USA.

Manufacturing Products Photographs

Pipe Caps



Eccentric Cone



Tori Cone



Tori Cone (Both Side radius)



Expansion Bellow



Dished end



Manufacturing Products Photographs

Pipe Bending



Swage Connection



Crown & Petal Dished end



Single Piece Dished end



Embossing Dished end



Hopper Cone



Our general technical details of products limitation

Dished ends/Pipe caps/Expansion Bellow/Pipe bending by Cold forming process.

I) Dished ends by COLD SPINNING PROCESS by Imported Spinning Machine

Sr No.	SIZE OF DISHED END.	KNUCKLE RADIUS	THICKNESS	M.O.C
01	900 to 2000 mm Dia.	100 to 350mm	08 to 30 mm	CS/MS/AS/SS
02	2001 to 3000 mm Dia.	100 to 500mm	08 to 32 mm	CS/MS/AS/SS
03	3001 to 4500 mm Dia.	150 to 550mm	08 to 32 mm	CS/MS/AS/SS
04	900 to 2000 mm Dia.	100 to 350mm	06 to 28 mm	CS/MS/AS/SS
05	2001 to 3000 mm Dia.	100 to 500mm	08 to 30 mm	CS/MS/AS/SS
06	3001 to 4500 mm Dia.	150 to 550mm	08 to 30 mm	CS/MS/AS/SS

II) Dished ends by Cold forming method with Closed Die & Punch

Sr No.	SIZE OF DISHED END.	KNUCKLE RADIUS	THICKNESS	M.O.C
01	50 to 600 mm Dia.	15 to 100mm	03 to 35 mm	CS/MS/AS/SS
02	601 to 800 mm Dia.	50 to 150mm	04 to 40 mm	CS/MS/AS/SS
03	801 to 1000 mm Dia.	75 to 175mm	05 to 40 mm	CS/MS/AS/SS

III) Pipe Caps as per ASME B 16.9 by Cold forming method with Closed Die & Punch

Sr No.	SIZE OF DISHED END.	PROFILE (SHAPE)	THICKNESS	M.O.C
01	1.5 " to 48"	2:1 Ellipsoidal	5 SCH TO XXS SCH	CS/MS/AS/SS

IV) Hemi-spherical Dished ends in Crown & petals construction by Cold forming method

Sr No	SIZE OF DISHED END.	KNUCKLE RADIUS	THICKNESS	M.O.C
01	600 to 8000mm Dia.	---	06 to 75 mm	CS/MS/AS/SS

V) Dished ends by Cold forming method (i.e. By point pressing method)

Sr No.	SIZE OF DISHED END.	KNUCKLE RADIUS	THICKNESS	M.O.C
01	1000 to 2500mm ID.	100 to 425 mm	16 to 65 mm	CS/MS/AS/SS
02	2501 to 3500mm ID.	150 to 600 mm	20 to 75 mm	CS/MS/AS/SS
03	3501 to 4800mm ID.	200 to 750 mm	20 to 75 mm	CS/MS/AS/SS
04	4801 to 6800mm ID.	300 to 1100 mm	16 to 60 mm	CS/MS/AS/SS

VI) Expansion Bellows by Cold forming method

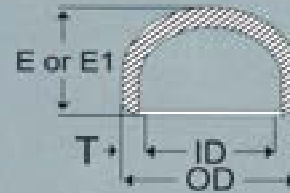
Sr No	Size of Expansion Bellow.	KNUCKLE RADIUS	THICKNESS	M.O.C
01	100 mm to 4000 mm OD.	20mm to 300mm	03mm to 36mm	CS/MS/AS/SS

VII) Coil / Pipe bending by Cold forming method

Sr No	Size of Coil bending	-	THICKNESS	M.O.C
01	100 mm to 4000 mm OD.	-	5 Sch To XS Sch	CS/MS/AS/SS

Nom. Pipe Size	Outside Diameter		Sch. 5	Sch. 10	Sch. 20	Sch. 30	STD WT	Sch. 40	Sch. 60	Sch. XS	Sch. 80	Sch. 100	Sch. 120	Sch. 140	Sch. 160	Sch. XXS	
	inch	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	
1/2	0.840	21.34	1.65	2.11	2.5	---	2.77	Identical to "Standard"	---	3.73	3.73	---	---	---	4.75	7.47	
3/8	1.050	26.67	1.65	2.11	2.5	---	2.87		---	3.91	3.91	---	---	---	---	5.54	7.82
1	1.315	33.40	1.65	2.77	3.00	---	3.38		---	4.55	4.55	---	---	---	---	6.35	9.09
1 1/4	1.660	42.16	1.65	2.77	3.00	---	3.56		---	4.85	4.85	---	---	---	---	6.35	9.19
1 1/2	1.900	48.26	1.65	2.77	3.00	---	3.68		---	5.08	5.08	---	---	---	---	7.15	10.16
2	2.375	60.33	1.65	2.77	3.5	---	3.91		---	5.54	5.54	---	---	---	---	8.71	11.07
2 1/2	2.875	73.03	2.11	3.05	3.5	---	5.16		---	7.01	7.01	---	---	---	---	9.53	13.25
3	3.500	88.90	2.11	3.05	4.00	---	5.49		---	7.62	7.62	---	---	---	---	11.13	15.24
3 1/2	4.000	101.60	2.11	3.05	4.00	---	5.74		---	8.08	8.08	---	---	---	---	---	16.15
4	4.500	114.30	2.11	3.05	4.5	---	6.02		---	8.56	8.56	---	11.13	---	---	13.49	17.12
5	5.563	141.30	2.77	3.40	5.00	---	6.55		---	9.53	9.53	---	12.70	---	---	15.88	19.05
6	6.625	168.26	2.77	3.40	5.50	---	7.11		---	10.97	10.97	---	14.27	---	---	18.24	21.95
8	8.625	219.08	2.77	3.76	6.35	7.04	8.18		---	10.31	12.70	12.70	15.06	18.24	20.62	23.01	22.23
10	10.750	273.05	3.40	4.19	6.35	7.80	9.27		---	12.70	12.70	15.06	18.24	21.41	25.40	28.58	25.4
12	12.750	323.85	4.19	4.57	6.35	8.38	9.53		10.31	14.27	12.70	17.45	21.41	25.40	28.58	33.32	25.4
14	14.000	355.60	---	6.35	7.92	9.53	9.53		11.13	15.06	12.70	19.05	23.80	27.76	31.75	35.71	---
16	16.000	406.40	---	6.35	7.92	9.53	9.53		12.70	16.86	12.70	21.41	26.19	30.94	36.53	40.46	---
18	18.000	457.20	---	6.35	7.92	11.13	9.53		14.27	19.05	12.70	23.80	29.36	34.93	39.67	45.24	---
20	20.000	508.00	---	6.35	9.53	12.70	9.53		15.06	20.62	12.70	26.19	32.54	38.10	44.45	49.99	---
22	22.000	558.80	---	6.35	9.53	12.70	9.53		15.88	22.22	12.70	28.57	34.92	41.27	47.62	53.97	---
24	24.000	609.60	---	6.35	9.53	14.27	9.53		17.45	24.59	12.70	30.94	38.89	46.02	52.37	59.51	---
26	26.000	660.40	---	7.92	12.70	---	9.53		---	---	12.70	---	---	---	---	---	---
28	28.000	711.20	---	7.92	12.70	15.87	9.53		---	---	12.70	---	---	---	---	---	---
30	30.000	762.00	---	7.92	12.70	15.87	9.53		---	---	12.70	---	---	---	---	---	---
32	32.000	812.80	---	7.92	12.70	15.87	9.53		17.47	---	12.70	---	---	---	---	---	---
36	36.000	914.40	---	7.92	12.70	---	9.53		---	---	12.70	---	---	---	---	---	---

**PIPE
CAPS**
AS PER
ASME B 16.9



Nominal Pipe Size (NPS)	Outside Diameter at Bevel	Length, E [Note (1)]	Limiting Wall Thickness For Length, E	Length, E1 [Note (2)]
1/2	21.3	25	4.57	25
3/4	26.7	25	3.81	25
1	33.4	38	4.57	38
1 1/4	42.2	38	4.83	38
1 1/2	48.3	38	5.08	38
2	60.3	38	5.59	44
2 1/2	73.0	38	7.11	51
3	88.9	51	7.62	64
3 1/2	101.6	64	8.13	76
4	114.3	64	8.64	76
5	141.3	76	9.65	89
6	168.3	89	10.92	102
8	219.1	102	12.70	127
10	273.0	127	12.70	152
12	323.8	152	12.70	178
14	355.6	165	12.70	191
16	406.4	178	12.70	203
18	457.0	203	12.70	229
20	508.0	229	12.70	254
22	559.0	254	12.70	254
24	610.0	267	12.70	305
26	660.0	267	...	...
28	711.0	267	...	...
30	762.0	267	...	...
32	813.0	267	...	...
34	864.0	267	...	...
36	914.0	267	...	...
38	965.0	305	...	...
40	1016.0	305	...	...
42	1067.0	305	...	...
44	1118.0	343	...	...
46	1168.0	343	...	...
48	1219.0	343	...	...

GENERAL NOTES:

- (a) All dimensions are in millimeters.
- (b) The shape of these Caps shall be ellipsoidal and shall conform to the requirements given in the ASME Boiler and Pressure Vessel Code.

NOTES:

- (1) Length E applies for thickness not exceeding that given in column "Limiting Wall Thickness" for Length, E."
- (2) Length E1 applies for thickness greater than that given in column "Limiting Wall Thickness" for NPS 24 and smaller. For NPS 26 and larger, E1 shall be by agreement between the manufacturer and purchaser.

End of Profile