



Fintube Technologies Pvt. Ltd

R.S.No.96,NH-8,Vill.ManglejTal.Karjan,Dist.Vadodara-391240(Gujarat),India



COMPANY PROFILE



Fintube Technologies Pvt. Ltd

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About Us:

- Private Limited was formerly incorporated as Satyen Engineers Private Limited in the year 1999 as a trading and servicing company to cater to the engineering sector.
- The company was originally promoted by Mr. Upendra Chaturvedi.
- Ms.Ankita Rakesh Chaturvedi, an innovator and designer is a Co-Director in the company.
- ARC Fintube has setup state of the art manufacturing facility 23 KM from Vadodara Mumbai Express Way,Vadodara in the year 2019.
- ARC Fin Tube have serve since incept on with repeated order form Thyseenkrupp,Thermal Systems,ISGEC.
- ARC is setup with the vision to provide all finning solutions for all heat transfer needs under one² roof.

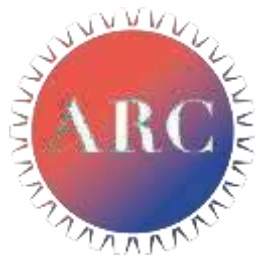


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About Us:

- Our heat transfer solutions are effective in industries such as Power, Oil, Gas, Cement.
- ARC is manufacturing under all major TPI.
- ARC is certified for ISO 9001:2015 by QASI.
- ARC is certified ISO 14001 : 2015.
- ARC is certified ISO 45001 : 2018.
- The Shop is approved by IBR.



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Quality Assessment Services International

QASI

**CERTIFICATE
OF REGISTRATION**

This Certificate is Issued to

ARC Fintube Technologies Private Limited

**RS. no 94, Village: Manglej, N.H. 8, Tal : Karjan,
Dist: Vadodara, 391210, Gujarat. IN**

Who have implemented a Quality Management System,
which meets the requirements laid down in

ISO 9001 : 2015

With the following Scope:

**Manufacture of Fin Tubes / Pipes, Extruded Fin Tubes,
Studded Tubes / Pipes. Heat exchanging Component &
all Pressure Parts.**

Certificate No. : QMS/2019/HH1930099116
Issue Date: 05-August-2019
Expiry Date: 05-August-2022

1st Surv. Due: 05-August-2020
2nd Surv. Due: 05-August-2021

Authorized Signature
Quality Assessment Services International

This Certificate Remains the Property of Quality Assessment Services International and shall returned immediately upon request. Verification of the Certificate can be done at www.qasicert.in
QASI Certification - 509 Vedanta Icon, Block C, Dittam Nagar, New Delhi - 110059 (IN)
E-mail - qasircert@gmail.com Website - qasicert.in



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Fintube Technologies Pvt. Ltd

R.S.No.96,NH-8,Vill.ManglejTal.Karjan,Dist.Vadodara-391240(Gujarat),India



Office of the Director of Boiler,Gujarat State

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

e-mail :- gdhansa-jhb-ahb@gujarat.boiler.gov.in & Web site :- <http://www.boiler.gujarat.gov.in>

No. DOB/TECH/2020/CA062020-20210000462

Date: 05/06/2020

To,

ARC FINTUBE TECHNOLOGIES PVT LTD,
RS NO 96, NH - 8, VILLAGE MANGLEJ, TALUKA KARJAN, DISTRICT
VADODARA - 391240 (GUJARAT),391240

Sub : New Approval of your workshop for Manufacturing of Finned up to 6" Tubes/ Pipe under inspection
Of IBR - 1950 Code.

- Ref: 1 Your application no.A0032019-20200000576 dtd 18-11-2019
2. This office Insant no 2019BWCIB1406002008 dtd 18-11-2019
3. Visit dtd 20-03-2020 of Shri B. H. Patel Deputy Director of Boilers-Vadodara
on for verification of Workshop Facilities,Staff,Tools & Tackles & their
letter no.A0032019-20200000576 dtd 04-06-2020
4. Government of Gujarat Notification No. GR - 2007 - 73 - IBA - 1099 - 1895 (1) - M - (1)
dtd 31/08/2007

Sir,

With reference to above subject & refered letter you are permitted for "Manufacturing of Finned up to 6"
Tubes/ Pipe" under inspection of IBR - 1950 for Two year i.e from 05/06/2020 to 04/06/2022 subject to
conditions as per Annexure

Online receipt No 1332639 of Rs. 10000.00 dtd 09/12/2019 for registration fees is received.
Also you shall apply for renewal of firm recognition at least two months before the expiry of said period

Yours faithfully,
Sd/-

Signature of
Director of Boilers,
Gujarat State Ahmedabad.

Sd/- KCSM08

Director of Boilers,

Gujarat State Ahmedabad.

Copy to: D.O.B./TECH/2020/CA062020-20210000462 05/06/2020 Dated

Shri B. H. Patel, Deputy Director of Boilers, Vadodara Region for information and necessary action



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Fintube Technologies Pvt. Ltd

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Our Products & Services:

Products

- High Frequency Resistance Finned Tubes
- (Solid/Serrated) Wrap - On Finned Tubes
- (G,L,KL,LL Type)
- High Frequency Welded Stud Pipes
- Extruded Finned Tubes

Services

- Fin Tube Bending
- Hydro Testing Facility
- Beveling & Finishing
- Fin Tube Tests: Hardness, Welding & Pull out





Fintube Technologies Pvt. Ltd

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Our Facility & Major Infrastructure:

- Our facility is set-up in an Industrial area located on Vadodara – Mumbai Highway(NH-8)
- ARC is spread up on plot measuring 13345 M2 having shed dimensions of 36 X 70 Meters divided into two bays of 18 meter wide each & also another shed.
- The height of the shed is 9 meter and below hook 7meters
- It has sufficient power capacity having connected load of 500 KWh with adequate power back-up and sufficient water source (Borewell).
- We have dedicated One bay each for High Frequency Fintube Machines (2 Nos.) and the other shed for Aluminum wrap-on finning machines(2Nos.).Stud machines(2 Nos.) & Extruded finning machines(2 Nos.)



Fintube Technologies Pvt. Ltd

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Major Machines & Its Capabilities:

- High Frequency Resistance Welded Fintubes – 2Nos.
(Having 300 KVA Solid State Welding Source,which is 50% higher in capacity in comparison to other machines available in India resulting in to higher productivity with capability to fin Alloy,SS and CS Tubes of ranging 25mm Dia to 175mm Dia 6 meter to 25 meter length and Alloy/SS/CS fin material thickness of 0.8mm to 3.0mm and fin height of 8mm to 25mm)
- Aluminium Wrap-on Finning Machines – 2Nos.
(Having capability to fin Alloy,SS and CS Tubes of ranging 25mm Dia to 50mm Dia and Non-Alloy fin material thickness of up to 0.40mm)
- Extruded Finning Machines – 2Nos.
(Having capability to fin Alloy,SS and CS Tubes of ranging 25mm Dia to 50mm Dia and Non-Alloy fin material)
- Stud Machines: 02 Nos.



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Other Ancillary Machines:

- Bevelling Machines
- Fintube Bending Machine
- Machine shop
- Tube Cutting (Hex Saw), Tube Welding and shaping machines
- Quality Assurance equipment (Hardness tester, Vernier, Micro/Macro Meter)
- Material Handling equipment(Cranes)
- Compressor, Cooling Towers.
- Out sourcing arrangement for lab testing with NABL approved lab at Met-Heat,Vadodara & Others



Fintube Technologies Pvt. Ltd

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Our Team:

- Directors-

- Mr. Upendra Chaturvedi

- Ms. Ankita Rakesh Chaturvedi

- Management -

- Mr. Piyush Mistry – General Manager (Plant Operations)

- Mr. Baldev Prasad Gupta – General Manager (Marketing & Projects)

- Mr. Ramakant Mishra – Manager (Quality Assurance)

- Mr. Dharmendra Chaturvedi – Sr. Manager (Accounts & Finance)

- Mr. NC Das – Manager (Materials Procurement)



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- **Manufacturing-**
3 Supervisors, 6 Operators (Skilled), 12 Assistant to Operators (Semi-skilled), 6 helpers for finishing and packing (semi-skilled)
- **Quality Assurance-**
Q&A Manager and 3 QC Supervisors/Inspectors
- **Project, Planning and Control Manager**
- **Operations and Maintenance-**
Manager assisted by 2 persons
- **Marketing-**
General Manager assisted by 3 persons
- **Administrative-**
Finance Manager with 4 supporting staff,
Materials Manager with 2 supporting staff (Purchase and Stores)
Administration Manager with 2 staff and 12 Security Guards.



Fintube Technologies Pvt. Ltd

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Plant Area & Capacity

Plant Area	13,345 Sq.M.
Covered Area	3440 Sq.M.
Storage Area	2000 Sq.M.



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Product Information:

○ High Frequency Resistance Welded Finned Tubes

Application: The main application for high frequency welded finned tubes are usually in the heat recovery steam generators associated with power generation and waste heat recovery applications. Extended surface tubes enable the equipment to reduce cost and size of the equipment which directly results in an cost effective equipment.

Materials: Carbon, Alloy, Stainless Steels and High Nickel Alloys etc.



HIGH FREQUENCY FINNING MACHINE



Finning	2 No's
Machines	2,000,000
Capacity	Mtrs/year



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Fin Configuration:

Fin Type	High Frequency Resistance Welded Serrated	High Frequency Resistance Welded Solid
Fin Height	0.375" - 1.500"	0.250" - 1.250"
Fin Thickness	0.036" - 0.120"	0.036" - 0.102"
Fin Spacing	6-96 per foot	6-96 per foot
Tube / Pipe Diameter	1.00" - 6.625"	1.00" - 6.625"
Max. Tube / Pipe length	80 ft	80 ft



FinnedTube Bending



‘U’ Bending



Bending : is carried out on duplex cold bending machine that can bend both ends of tubes in a single operation, thus ensuring exact alignment of the ends. Bending of both finned and bare tubes in one single operation.

Procurement Fin & Tubes

Finning Solid/Serrated

Cutting

Beveling

Bending, if Applicable

Welding, if Applicable

Packing and Loading

Approval of Drawing and TP and IBR.

Crack, Porosity, Lack of Fusion, Weld Width, Hardness.

Dimensional Tests

DP & Bend Tests

Radiography and Hydro Testing

Final Inspection / IBR



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Product Information:

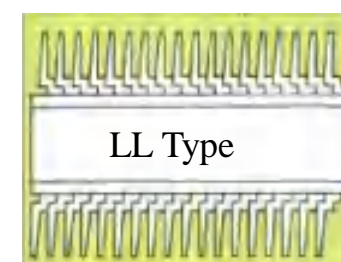
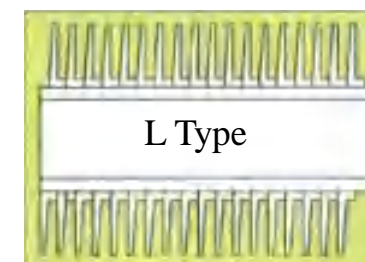
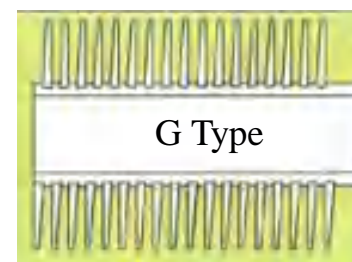
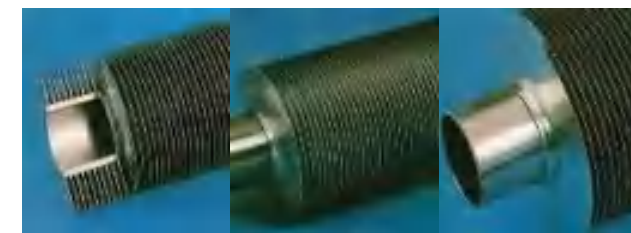
○ Aluminum/Copper Wrap on Finned Tubes

Application:The efficiency of air cooled heat exchangers primarily depends on the heat transfer capabilities of the finned tubes

Materials and Types:Aluminum,Copper and steel fins on CS,AS,Copper, Admiralty Brass,Cu pro-Nickel tubes.Wrapon finning with“G” Embedded, “L” Footed, “LL” Footed, Knurled“KL”.

Configuration:

Fin Type	Applied Finning 'G' Embedded	Wrap - On 'L' Footed	Wrap - On 'LL' Footed
Max. Fin Height	0.75" (19.1mm)	0.75"(19.1mm)	0.75" (19.1 mm)
Max Fin Density	12.4 fins/inch	12.4fins/inch	12.4 fins/inch
MaxTubeDiameter	2" OD (50.8 mm) (488 fins/m)	2" OD (50.8 mm) (488 fins/m)	2" OD (50.8 mm) (488 fins/m)
Max Operating temperature	450 °C	150 °C	150 °C
For carbon steel finning Fin Density is 9.5 fins / inch (374 fins/m)			





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Product Information:

○ Standard Frequency Resistance Welded Studded Tubes

Application: Steel studded tubes are used instead of finned tubes for heat transfer in the petrochemical industry, generally in fired heaters, Furnaces and boilers where there is need of minimising erosion.

Material and Sizes: Pipe/CS, AS, SS Incolloy & studding of materials CS,SS,P-11/ P22 , SS409,CS.

Configuration:

Stud Type	StandardFrequencyResistance WeldedRound/EllipticalStuds
Stud Height	0.50" - 2.50"
Stud Thickness / Size	0.5" & 0.125 x 0.5"
Stud Spacing	0.625"
Tube / Pipe Diameter	1.5" -14"
Max. Tube / Pipe length	60 ft



* We also manufacturing 12 mm Dia Stud.



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REGISTRATIONS

SR.NO	COMPANY NAME
1	INDIAN BOILER REGULATION
2	LLOYDS
3	BVIS
4	TUV
5	GOVT TENDER PORTAL
6	L & T
7	THYSSEN KRUP
8	ISGEC
9	TATA PROJECTS
10	THERMAL SYSTEM
11	GSFCL LTD
12	RELIANCE
13	SHREE CEMENT
14	KELVION
15	HI TECH
16	PRIVILEGE BOILERS



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(A) Executed orders

SR. NO/JOB NO.	PARTY NAME	ADDRESS	CONTACT PERSON NO.	PO NO/DATE	DESCRIPTION	TUBE MOC	FIN MOC	QTY-NOS	INSPECTION	REMARK
1/ARC-2	PRIVILEGE BIKSONS	PUNE	MR.KIRAN DURAPE 07028766777	PBBPL/ARC FINTUBE/PO- 026/2019-20 DATE-31/7/19	SOLID/SERRATED FIN TUBES	SA 213 T11	SS 409	1254	IBR	COMPLETED
2/ARC-4	KELVION INDIA	PUNE	MR.SENTHIL 7400422046	4500387064 DATE-16/11/19	SOLID FIN TUBES	SA 213 T11	CS	306	TPI	COMPLETED
3/ARC-9	THERMAL SYSTEMS	HYDERABAD	MR.RAGHU RAM 6300532015	2019001355/B- 00548 DATE- 16/11/19	SOLID FIN TUBES	SA 335 GR P11	CS	133	TPI-BVIS/CLIENT	COMPLETED
4/ARC-8	THERMAL SYSTEMS	HYDERABAD	MR.RAGHU RAM 6300532015	2019001356/B- 00545 DATE- 16/11/19	SOLID FIN TUBES	SA 210 GR A1	CS	81	TPI-BVIS/CLIENT	COMPLETED
5/ARC-5	THERMAL SYSTEMS	HYDERABAD	MR.RAGHU RAM 6300532015	2019001357/B- 00545 DATE- 16/11/19	SOLID FIN TUBES	SA 210 GR A1	CS	718	TPI-BVIS/CLIENT	COMPLETED
6/ARC-7	THERMAL SYSTEMS	HYDERABAD	MR.RAGHU RAM 6300532015	2019001359/B- 00545 DATE- 16/11/19	SOLID FIN TUBES	SA 210 GR A1	CS	271	TPI-BVIS/CLIENT	COMPLETED



Fintube Technologies Pvt. Ltd

SR. NO/JOB NO.	PARTY NAME	ADDRESS	CONTACT PERSON NO.	PO NO/DATE	DESCRIPTION	TUBE MOC	FIN MOC	QTY-NOS	INSPECTION	REMARK
7/ARC-19	THERMAL SYSTEMS	HYDERABAD	MR.RAGHU RAM 6300532015	2019001361/ B-00544 DATE- 18/11/19	SOLID FIN TUBES	SA 210	CS	100	TPI-BVIS CLIENT	COMPLETED
8/ARC-89	CHEEMA BOILER	MOHALI	RAJDEEP THAKUR	9779454447	SOLID FIN TUBES	CS	IS-513 CS	120	IBR	COMPLETED
9/ARC-17	THERMAL SYSTEMS	HYDERABAD	MR.RAGHU RAM 6300532015	6300532015	SOLID FIN TUBES	T11	513CS	203	TPI-BVIS CLIENT	COMPLETED
10/ARC-44	THERMAL SYSTEMS	HYDERABAD	MR.RAGHU RAM 6300532015	6300532015	SOLID FIN TUBES	T11,T22,CS	SS 410/CS	54	TPI-BVIS CLIENT	COMPLETED
11/ARC-6	THERMAL SYSTEMS	HYDERABAD	MR.RAGHU RAM	2019001360/ B-00545 DATE- 16/11/19	SOLID FIN TUBES	P91	SS 410	496	TPI-BVIS CLIENT	COMPLETED
12/ARC-42	PRIVILEGE BOILER	PUNE	MR.KIRAN 7028766777	076/2019 DATE- 23/1/2020	SERATED	SA 210	SS 409/IS-513	364	TPI-TUV/IBR	COMPLETED

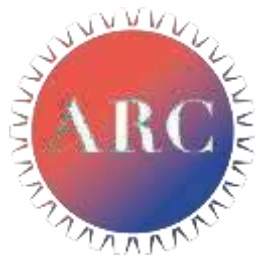


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(B) Under execution orders

SR.NO. JOB NO.	PARTY Name	ADDRESS	CONTACT PERSON	NUMBER	PO NO/DATE	DESCRIPTION	TUBE MOC	FIN MOC	QTY-NOS	INSPECTION	REMARK
1/ARC-35	THYSEEN KRUPP	PUNE	VIDYANAND RAWOOL	8669663415	6500002109 VER 2 14/2/2020 29.04.2020	SOLID FIN TUBES	T11/SA 210- CS	SS 409/CS	9086	TPI-TUV/IBR	RUNNING
2/ARC-37	THYSEEN KRUPP	PUNE	VIJAY PAYGUDE	8669663419	6500002115 06/03/2020	SOLID FIN TUBES	T11/SA 210- CS	SS 410/CS	2908	TPI-TUV/IBR	RUNNING
3/ARC-70	ISGEC	YAMUNA NAGAR	HARPAL SINGH	8930111814	PO2/4500305961 14/05/2020	SERATED FIN TUBES	T91,T11,CS	SS 304 H/CS	3258	TPI-TUV	RUNNING
4/ARC-24	HI TECH	AHMEDNAGAR	KULKARNI JI	9421467951	THE/RM188/19-20 4/02/2020	SOLID FIN TUBES	SA 210-CS	513-CS	240	TPI-TUV/IBR	RUNNING
5/ARC-71	ME ENERGY	PUNE	SACHIN JI	9623442914	POL2020/0001 19/05/2020	SERATED FIN TUBES	P91/CS	SS 410/SS 304/CS	1278	TPI-TUV	RUNNING
6/ARC-18	THERMAL SYSTEMS	HYDERABAD	RAGHU RAM JI	6300532015	6300532015	SERATED FIN TUBES	T11/CS	SS 409/CS	2086	TPI- BVIS/CLIENT	RUNNING
7/ARC-98	THERMAL SYSTEMS	HYDERABAD	RAGHU RAM JI	6300532015	2020000172/B- 00474 DATE-20/07/20	SOLID	T11/SA 210	IS 513	5	TPI- BVIS/CLIENT	RUNNING



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CONTACT INFORMATION

ARC Fintube Technologies PVT Ltd

R.S. No. 96, NH-8, Vill. Manglej

Tal. Karjan, Dist. Vadodara Gujarat, India - 391240

Contact Person: Mr. B.P. Gupta----9725014753

Mr.Gaurav Thakur----8153049011

Email:marketing@arcfintube.com;

director@arcfintube.com