

JR FIBREGLASS INDUSTRIES PVT. LTD.



FRP/GRP FABRICATION GAS SCRUBBING SYSTEMS



COMPANY OVERVIEW – IN BUSINESS SINCE LAST 50 YEARS



- Corporate office
1/21, Rocky Ind. Estate,
I. B. Patel Road,
Goregaon (E), Mumbai
– 400 063.
- Works
Plot No. 809, G.I.D.C.,
Sarigam, Bhilad, Tal.
Umbergaon
Dist. Valsad Gujarat- 396 155.
- Works area
130000 sq. feet
- Maximum Height
35'
- Work Force
Works – 175-200 Nos.

Office – 40 (designers, engineers
draftsman, administrative, finance & accounts)

MANUFACTURING UNIT (OUTSIDE)



MANUFACTURING UNIT (INSIDE)



VentFlow BY **JR**



QUALITY CONTROL – TPI AGENCIES



SR NO	NAME
1	TUV NORD
2	BUEREAU VERITAS
3	UHDE INDIA PVT. LTD.
4	JORD INDIA
5	TATA PROJECTS
6	SGS INDIA
7	ELECTROMECH ENGINEERING

ISO CERTIFICATIONS



CE CERTIFICATION for FRP CENTRIFUGAL FAN ONLY INDIAN COMPANY WITH CE CERTIFICATION



Statement of Confirmation

No.: 2324- 8120483604-001

Client's reference - Technical file number : Q/CF/BD/CD/CE-2023 Rev 00

Name & address of the manufacturer : **M/S. JR Fibreglass Industries Pvt . Ltd**
Plot No 809 ,GIDC Sarigam, Bhilad
District – Valsad Gujarat-396155

Product nomenclature : Centrifugal Blower

Models : Coupled Driven 1 hp ~75 hp
Belt Driven 1 hp ~75 hp

Specification : 415V, 50 Hz, 3 Phase + E

Review results/observations
The Technical File referenced above submitted by the manufacturer has been reviewed for its document contents.
The Technical File generally covers the documentation content requirements of the European Directive(s):

- Machinery Directive : 2006/42/EC

Harmonised standard/s referred : EN ISO 12100:2010

Other technical standard/s referred : -

Document issued by the manufacturer : EC Declaration of Conformity

Date of review : 20 May 2023


Ajinkya Patil
 Manager - Product Certification




Jayprakash Hiremath
 Associate Vice President – Special Services

(This Statement of Confirmation is valid under the conditions stated overleaf)

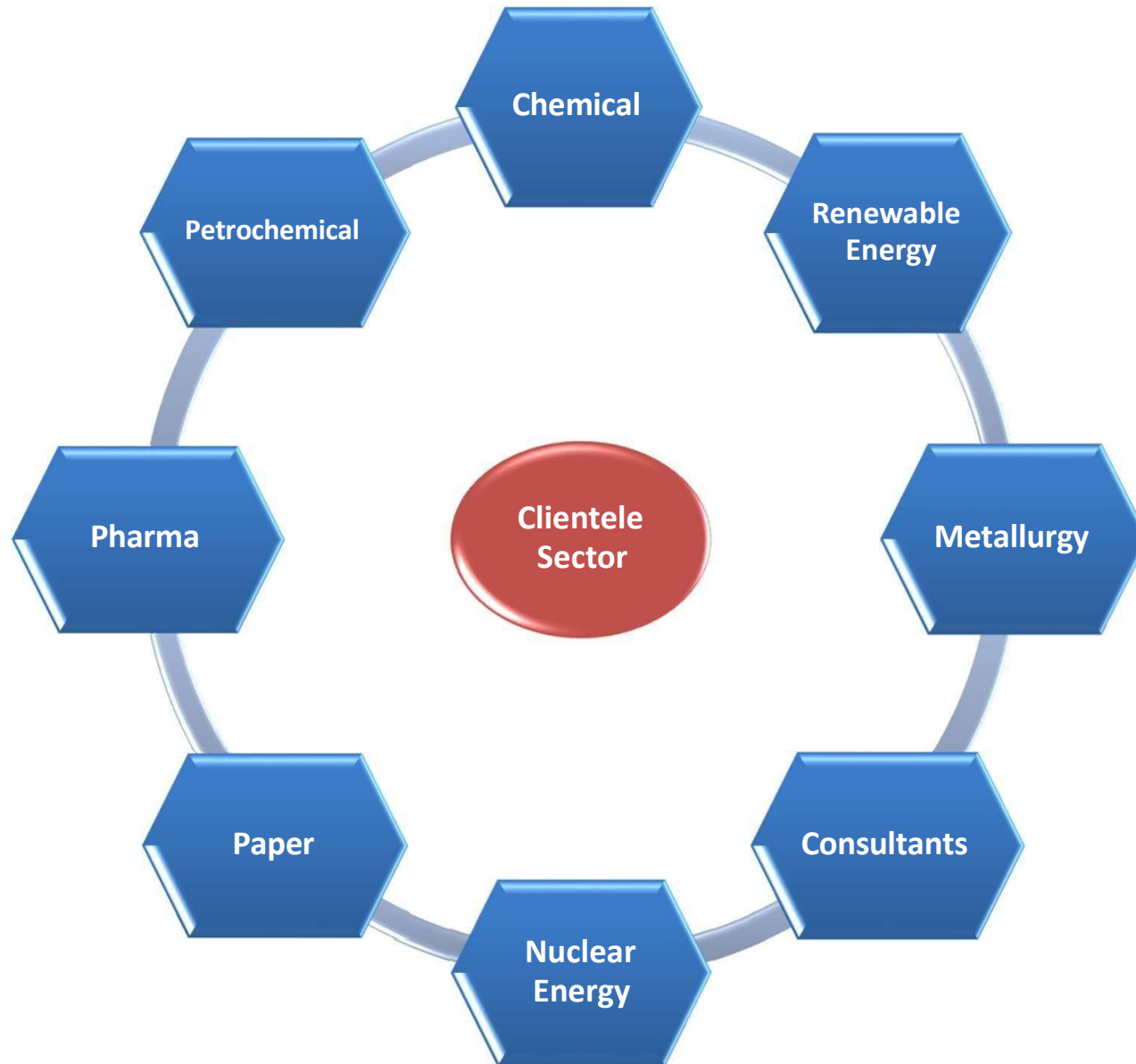
TUVIND/PC/CE/11/00
Issue no.4
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Website: www.tuv-nord.com/in Toll Free Number: 1800-209-0902

Job no: 8120483604

GEOGRAPHICAL SPREAD OF CLIENTS



CLIENTELE



INTERNATIONAL PARTICIPATION



ACHEMA, FRANKFURT



METEC, DUSSELDORF

CHEMTECH INDIA -EXHIBITION PARTICIPATION



TOP MANAGEMENT TEAM

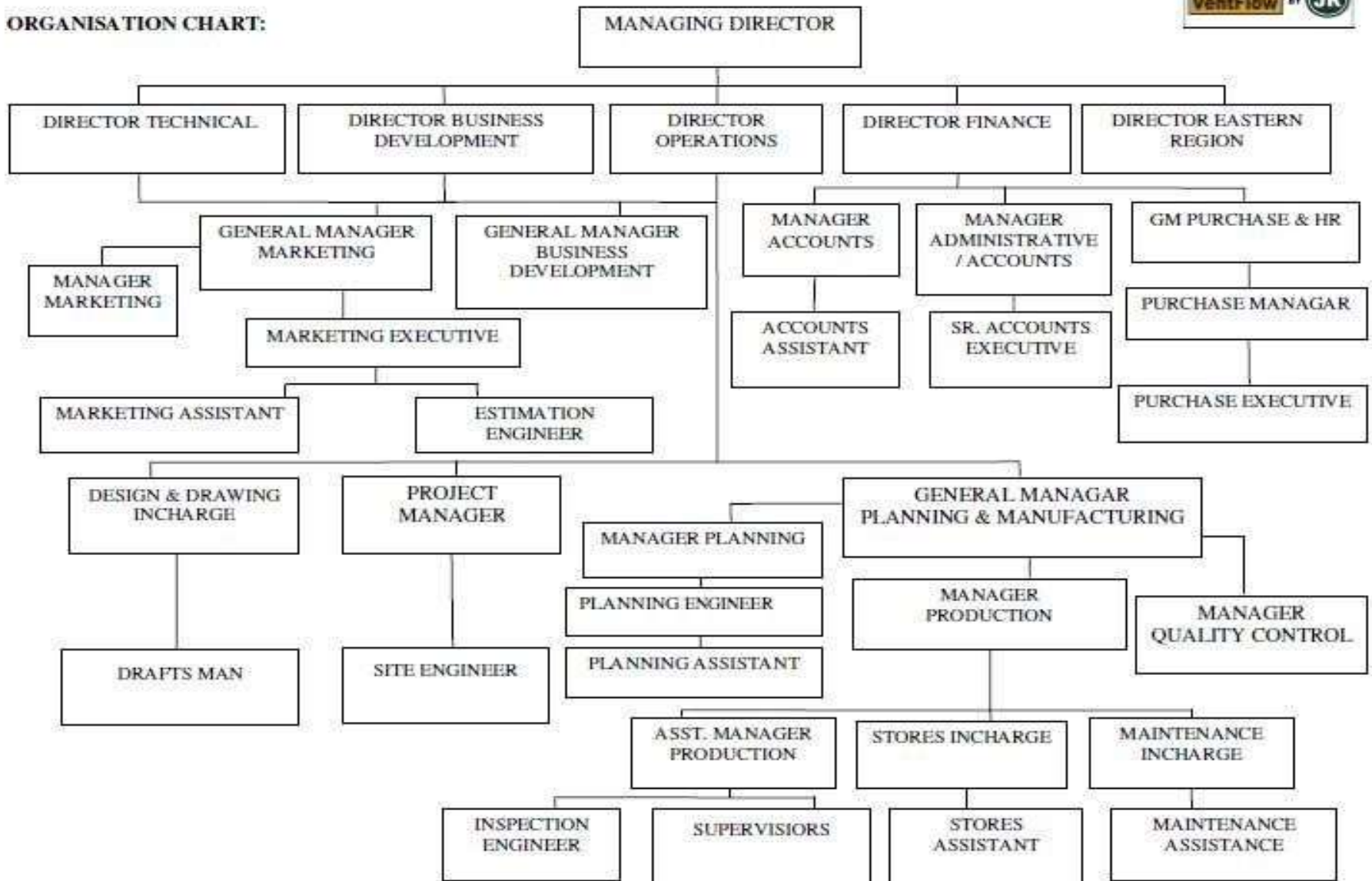


- **Jitendra Thakkar** - Mechanical Engineer from VJTI, one of the premier institutions in India. He is the promoter and founder of the company.
- **Dr Mandar Badve** - Chemical Engineer from ICT, one of the premier institutions for Chemical Engineering in Asia. He has extensive experience in designing & technical engineering.
- **Deven Gadhia** – A Mechanical Engineers from one of the premier institutions in India. He has over 40 years of experience in production & planning.
- **Samir Dutt** – Mechanical Engineer from Kolkata University. He is responsible for business development in Eastern India. He has 40 years of experience in technical marketing.
- **Chirag Thakkar** - Chemical Engineer from ICT, one of the premier institutions for Chemical Engineering in Asia. He has also done is Masters in Chemical Engineering from SUNY Buffalo , USA & has a management degree in Business Administration from SP Jain Institute, Mumbai. He is responsible for business development all over India & abroad. He has 15 years of experience.

ORGANIZATION CHART



ORGANISATION CHART:



PRODUCT RANGE

JR FIBREGLASS

**SCRUBBING
SYSTEMS**



**FRP EQPT.-
TANKS etc.**



**CENTRIFUGAL
FANS & BLOWERS**



**FRP & DUAL
LAMINATE PIPING**



MATERIAL OF CONSTRUCTION

- **FRP USING DIFFERENT GRADES OF RESIN**

- Polyester
- Vinyl Ester
- Bisphenol
- Super Vinyl Ester (Novolac Based)

RESINS CAN BE LOCAL OR IMPORTED (DERAKANE, SWANCOR etc.)

- **DUAL LAMINATES**

- PP+FRP
- PVC+FRP
- cPVC + FRP
- PVDF+FRP
- ECTFE+FRP
- FEP+FRP.
- PFA+FRP etc.

THERMOPLASTIC SHEETS CAN BE LOCAL OR IMPORTED (ROCHLING, SIMONA, AGRU etc.)

- **SPECIAL REINFORCEMENTS (for Special Applications)**

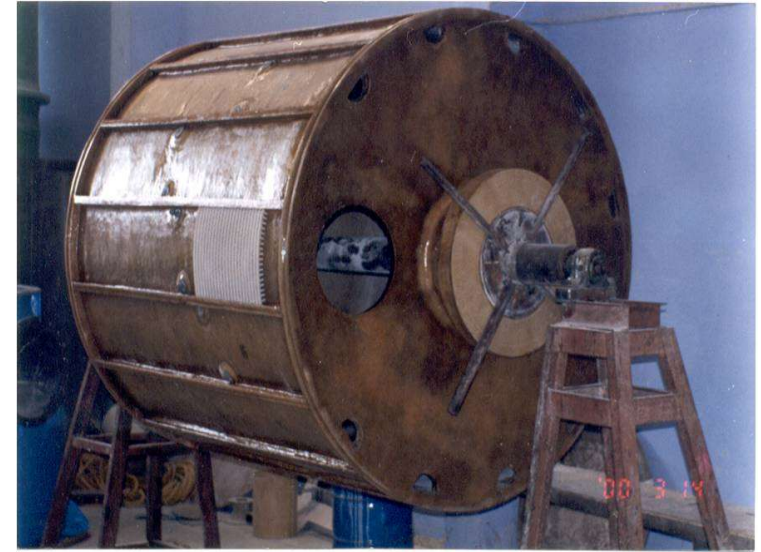
- Polyacrylonitrile Fleece
- Diolen Fabric
- Synthetic Veil



PRODUCT RANGE – FRP/GRP FABRICATION



- Storage Tanks
- Scrubbers/Demisters
- Reaction Vessels
- Pipes & Pipe Fittings
- Ducts & Accessories
- Anticorrosive Linings
- Custom FRP Fabrication
- Centrifugal Fans



SOLID PP TANKS



HIGH TEMPERATURE FRP PIPE SPOOLS (DERAKANE 470.300)



FRP EXHAUST DUCTS FOR CHEMICAL SERVICE



- Diameter = 5000 mm
- M.O.C = FRP with Derakane Resin

FILAMENT WINDING MACHINE



- Diameter = 2000 mm
- Length = 10000 mm
- CNC Controlled



PRODUCT RANGE – GAS SCRUBBING SYSTEMS



- Vertical Wet Scrubbers
- Horizontal Cross Flow Scrubbers
- Fume Extraction & Scrubber System
- Scrubber System for Chlorine Emergency Treatment
- Spray Column Scrubbers
- Venturi Scrubbers
- Centrifugal Fans & Blowers
- Demisters



ONE OF ASIA'S BIGGEST CL₂ SCRUBBING SYSTEM FOR 1700 KGS/HR. OF CHLORINE GAS



- Scrubber diameter 1400 mm x 14000 mm height
- Client: NCPL (GNFC) - Bharuch

ONE OF WORLD'S BIGGEST CL₂ SCRUBBING SYSTEM FOR 9500 KGS/HR. CHLORINE GAS – GNFC BHARUCH



PACKED COLUMN SCR– FIRE RETARDANT (36k CMH FOR SiCl₄)- STERLITE



ONE OF THE BIGGEST FRP SCRUBBER EVER MADE IN INDIA (Export to Iran)



- The biggest FRP scrubber for SO₂ gas
- M.O.C = FRP using Vinyl Ester Resin
- Diameter 6000 mm x Length 22 m
- Flow 325000 m³/hr

VERTICAL WESP SCRUBBER



HORIZONTAL SCRUBBER 80,000 m³/hr (H₂SO₄)



GAS SCRUBBER – RELIANCE INDUSTRIES (SOLAR)



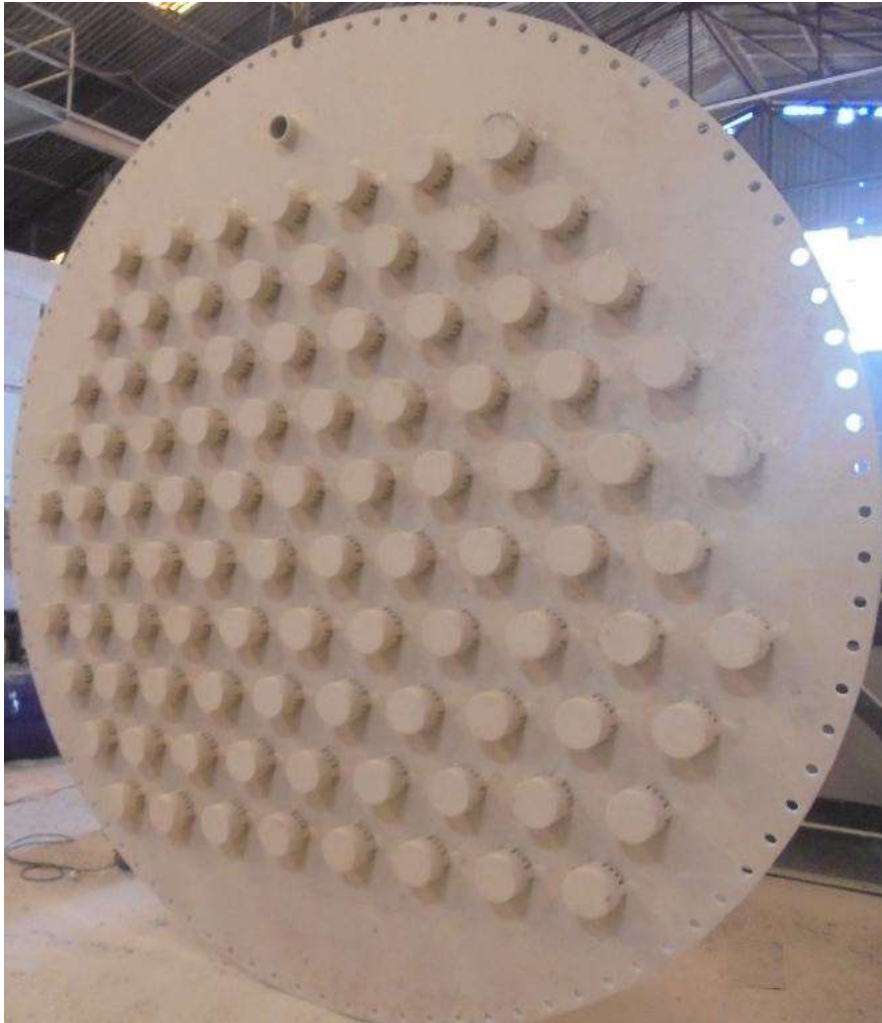
SCRUBBER INTERNALS – PACKINGS



SCRUBBER INTERNALS – LIQUID DISTRIBUTOR (LADDER TYPE)



SCRUBBER INTERNALS – BUBBLE CAP TRAY



Venturi Scrubbers



High Pressure FRP Fans (800 mmWC Static Pressure)



FRP FANS WITH FRP DUCTS



36" X 36"

FRP Fans 90000 m³/hr & Ducting for Indian Rayon



High Volume FRP Fans – 120,000 m³/hr @350 mmWC



- JR Fibreglass Industries Pvt. Ltd. has till date manufactured more than **3844** scrubbing systems for all kinds of gases & pollutants

COMMONLY HANDLED POLLUTANTS INCLUDE

- HCl (Hydrogen Chloride)
- Cl₂ (Chlorine)
- H₂SO₄ (Sulfuric Acid)
- SO₂ (Sulfur Dioxide)
- NH₃ (Ammonia)
- HBr (Hydrogen Bromide)
- HF (Hydrogen Fluoride)
- PCl₃ (Phosphorus Trichloride)
- Br₂ (Bromine)
- COCl₂ (Phosgene)
- Dilute NO_x (Nitrogen Oxides)
- SOCl₂ (Thionyl Chloride)
- VOCs

QUESTIONS ?