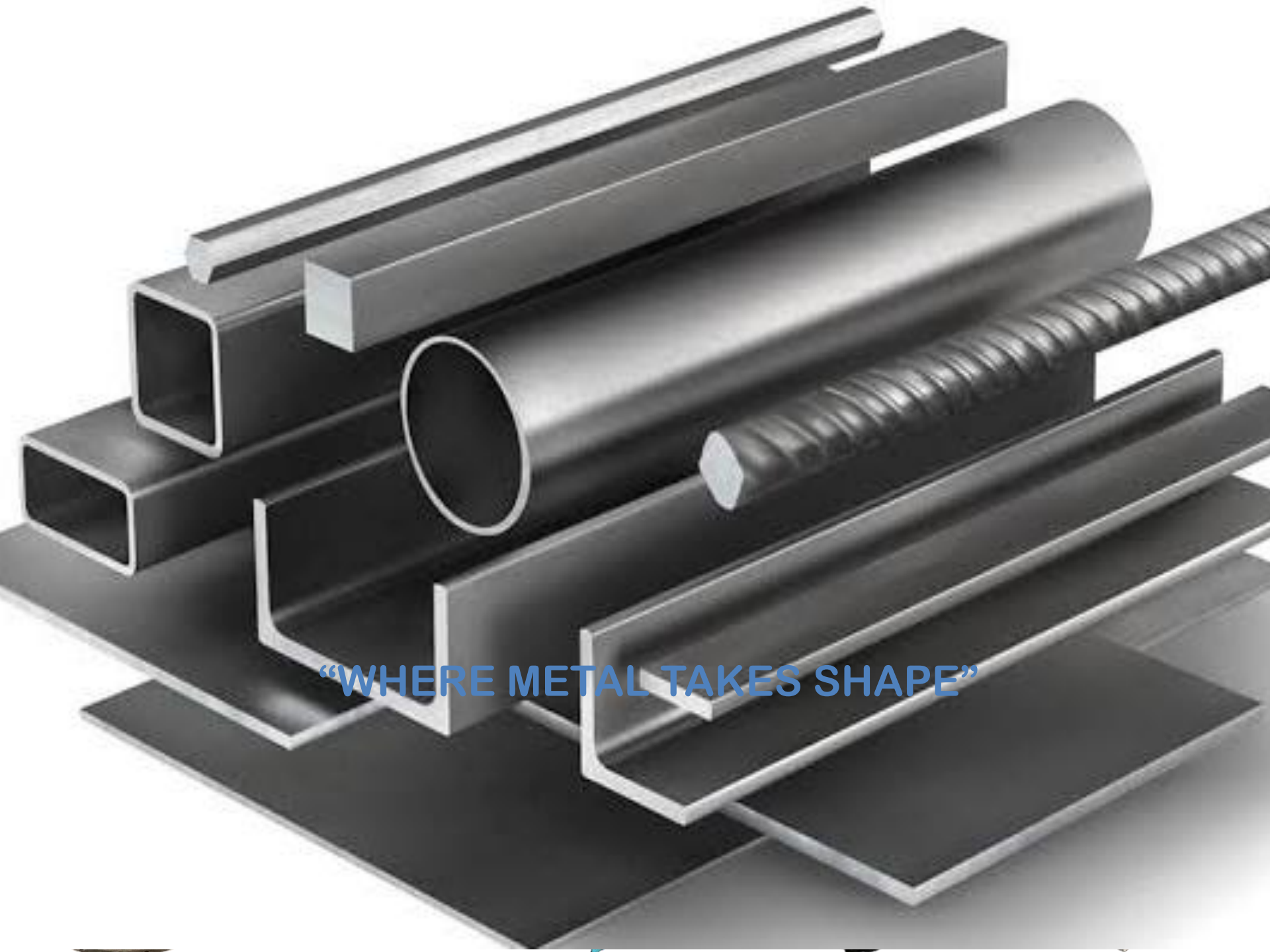




JAI BALAJI

GROUPS

www.jbf.co.in



“WHERE METAL TAKES SHAPE”



JAI BALAJI
FABRICATORS
“Where Metal Takes Shape”

WWW.JBF.CO.IN

BUSSINESS PRESENTATION

By

M.Sripathi Dinash

CEO – JBF Groups

ABOUT US

Jai Balaji Fabricators is one of Chennai's leading and fast-growing Steel Fabrication Company that provides Industrial Steel Fabrication solutions to various Sectors such as Cement , Power, Pumps, Automobiles, Metal Construction, Chemical, Rubber, Oil&Gas Having an 100 % inhouse Capability with high End machine facilities enables us to execute a job with utmost Accuracy at Optimal Time frame.

JBF specialaized in Fabricating Various metals right from MS to Stainless Steel, Duplex Steel, Super Duplex Steel, Tungsten, Titanium Etc.

With a Culture of Continues improvement and Value systems JBF aims to be a “First preffered” & “Forever Dependable” Metal Fabrication partner and

the Place “Where Metals Takes shapes” inline with Customer Requirements & Exceeds in expectations



ABOUT FOUNDER

Mr. T. Manoharan, a serial entrepreneur started his career in BHEL and after gaining immense exposure in the field of Engineering Metal Fabrications and other related business sectors, and went on to establish his successful manufacturing venture JBF in the year 2003. Having more than 100 satisfied clients in various sectors of steel fabrications catering to every unique requirement and offering efficient solutions. Addressing customer pain points is the most successful strategy which drives us over the decade.



VALUES

- Customer Centric
- Collaborative Approach
- Commitment with Competence
- Goal Oriented - Begin with end in mind
- Respect & Empower People
- Innovate & Improve Continuesly
- Think & Communicate Proactively
- Consistency in Optimum productivity



JAI BALAJI
FABRICATORS
“Where Metal Takes Shape”



VISION

JBF aims to be a **“First preferred” & “Forever Dependable”** Metal Fabrication partner and the Place **“Where Metals Takes shapes”** inline with Customer Requirements & Exceeds in expectations.

“We Make sure to Make our customers “A market Leaders”

MISSION

To Make a Customer Requirement into Reality in the Field of Engineering Metal Fabrication by **Improved & Optimaized process, Committed TimeLine, Consistent Quality, Cost effective Fabrication solution** in executing a challenging Projects to attain a sustainable business Growth & Market Share.

We Create a Fabricators who can Create a shapes out of **“Every Engineering Metals”**



JAI BALAJI
FABRICATORS
“Where Metal Takes Shape”

OUR “USP”

>>Customized Shapes

>>Certified Processes

>>Online process Transparency

>>End to End in-house Facility

>>Optimum Cost



GENERAL INFORMATION



JAI BALAJI
FABRICATORS
"Where Metal Takes Shape"

Name of the company	JAI BALAJI FABRICATORS
Founder & Chairman	T.Manoharan (9841 726 729)
CEO	M.Sripathi Dinash (9841 727 727) mail - dinash.ceo@jbf.co.in
Year of Establishment	2003
Nature of Business	Engineering & Fabrication steel parts and products as per customer design & Specification
Nature of Ownership	Proprietor
Address	No.100, Veeranam Road, Mudaiyur Village, Thirukalukundram, Chengalpet - 603109
Google Location	12.578380, 80.020757
GST No.	33AKRPM9987H1Z8
Factory License	KPM12370
Plant Incharge	Sasi Kumar - 75981 94711
Key Contact No	Operations - 9841 726 726, Production - 7299 255 255, Accounts - 9841 58 25 25, Purchase - 9841 79 25 25
Land Phone	044-29540138
Web site	www.jbf.co.in
Email	dinash.ceo@jbf.co.in , marketing@jbf.co.in , Operations@jbf.co.in , info@jbf.co.in



CERTIFICATE

This is to Certify that the Management System of

JAI BALAJI ENTERPRISES

No.100A Veeranam Road, Mudaiyur Village, Thirukazhukundram
Chengalpattu, CHENNAI-603109, Tamilnadu, India

has been audited and found to comply with the requirements of:

ISO 9001:2015 (Quality Management System)

For the Scope of activities described below

DESIGN, MANUFACTURE AND SUPPLY OF MACHINE
FABRICATED METAL & STRUCTURAL PARTS AND EQUIPMENTS
FOR VARIOUS ENGINEERING APPLICATIONS.



Certificate No.: IN98000A

Date of initial registration	Date of this Certificate	Surv. audit on or before/ Certificate expiry	Recertification Due
22 December 2022	22 December 2022	21 December 2023	21 December 2025

Validity of this certificate is subject to successful completion of surveillance audit on or before due date, in case surveillance audit not conducted this certificate shall be suspended/cancelled.

Paam
Director

For verification and updated information concerning the present certificate visit to www.lmscert.com
This Certificate is the property of LMS Certification Limited and shall be returned immediately when demanded.



LMS Certification Limited
Labrynth Business Centre, 43 Middle Hill Gate, Stockport,
Great Manchester, England-SK1 3DG
Phone :+44 208 935 5094
Company No.: 11029176
Visit :- www.lmscert.com
E-mail :- info@lmscert.com



LMS/FM/001/Q/REV06

TUVINDIA

Certificate

Management system as per
ISO 9001:2015

The Certification Body TUV INDIA PVT. LTD. hereby confirms as a result of the audit, assessment and certification decision according to ISO/IEC 17021-1:2015, that the organization

JAI BALAJI FABRICATORS PRIVATE LIMITED
No: 100, SF No.15/11, 15/5A, 15/5C, Veeranam Road,
Mudaiyur Village, Thirukazhukundram,
Chengalpattu - 603 109, Tamil Nadu,
India



is in accordance with the requirements of ISO 9001:2015 and within the 3 year term of validity of the certificate.

Certificate Registration No. **QM 07 01232**
Audit Report No. **CHE/AUD/25-26/1444**

Valid from **09.06.2025**
Valid until **28.05.2028**
Initial certification **29.05.2022**



Visit our database to verify the validity of this certificate.

Mumbai, **09.06.2025**

Certification Body at TUV INDIA PVT. LTD.

To verify the validity of this certificate, please visit <https://www.lmscertsearch.org>

TUV INDIA PVT. LTD.
801, Raheja Plaza 1, L.B.S Marg,
Ghatkopar (W) Mumbai - 400 086,
India
www.tuv-nord.com/in



TUV®

TUVNORDGROUP



JAI BALAJI
FABRICATORS
"Where Metal Takes Shape"

AREA

Total Area – 2,40,000 Sqft

Covered Area – 50000 Sqft

LOGISTIC Approach

Chennai SEA Port – 80 Kms

Chennai AIR Port – 56 Kms

National High Way – 8Kms

Road Travel Time from Airport

1 Hr: 45 Mins

Transport Vehicle Feasibility

Upto 40 Feet Trailer

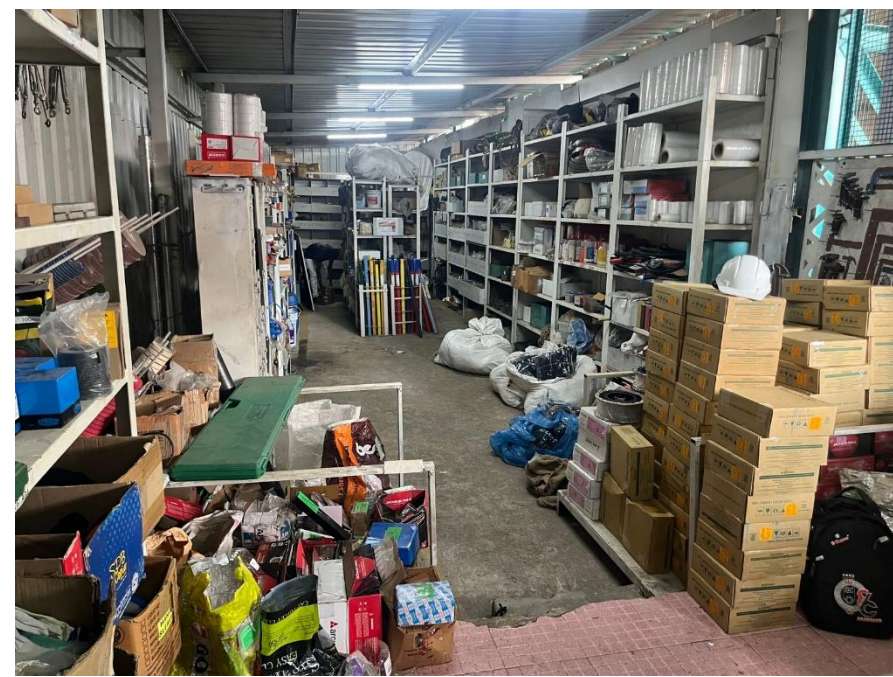
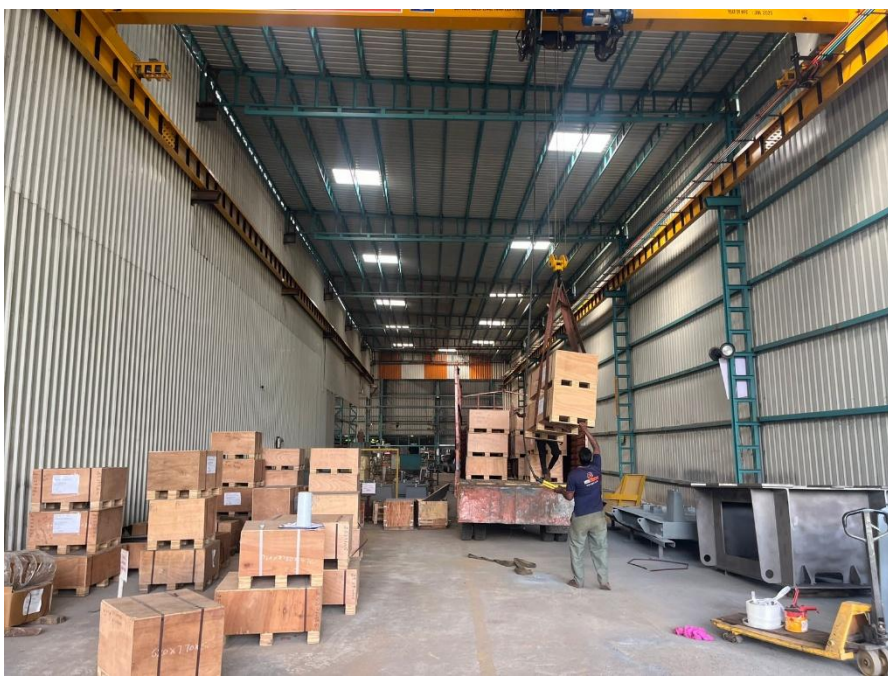
ODC 40 Feet Trailer











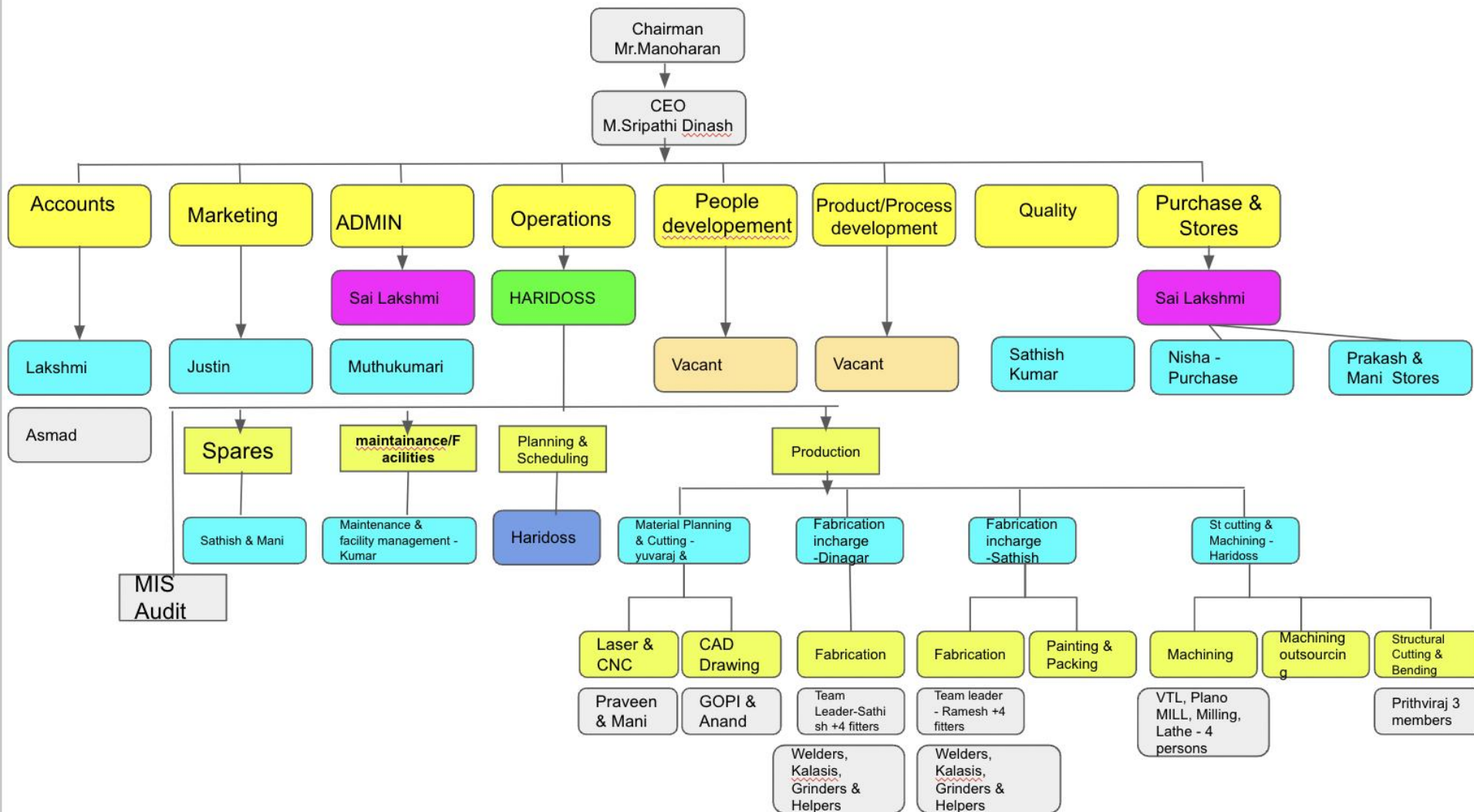






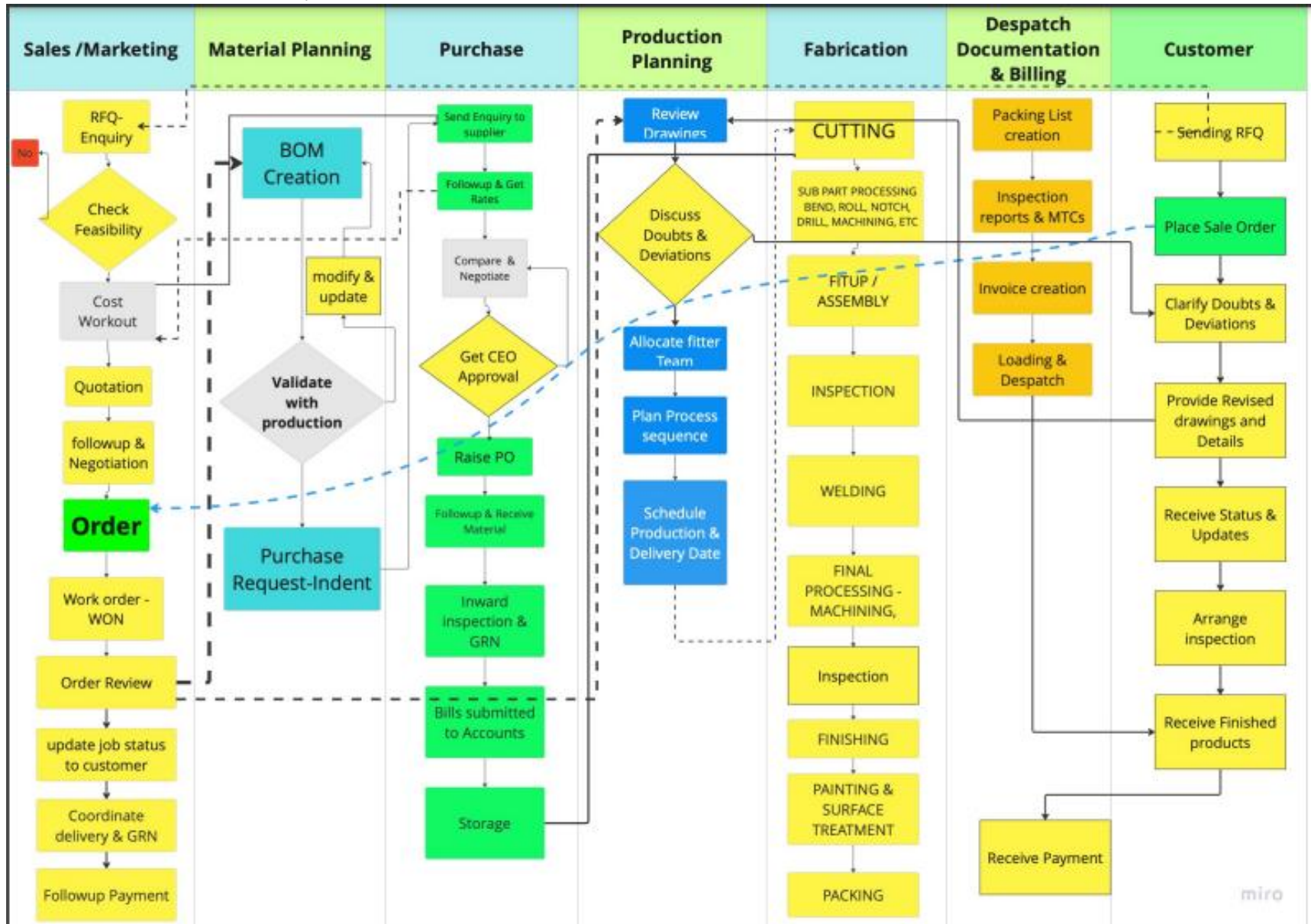
120+ Employees







Level 2 Process Flow chart



General Fabrication Process Flow

							Geometry Sequence		
Discriptions	Bought Outs				Bend removal/Joints		Orientations	Visual	
	Pipes/Tubes		Fullness	Chop /Band saw	Part Fitup		Datum level	ARC	sequence
	Sections	Size sequenc	Qty	Gascut / Band SAW	pre machining	sequencing	Positions	MIG	Weld size
	Plates	CAD Nesting	Dimensions	CNC / Laser / Shearing	Bending/Rolling	Assembly	Dimension	Tig	WPS
Process flow	Raw Material	Cutting plan	Check	RM Cutting	Part Processing	Fitup	Check	welding	Check
Tracability	WON	WON	WON	WON	WON	WON	WON	WON	WON
Resonsible	Prod.Eng	Drawn/PlanB	Prod.Eng	Prod.Eng	Fitter	Fitter	QC.Eng	Welder	QC.Eng
control Doc	Route Card	Route Card	Route Card	Route Card	Route Card	Route Card	Route Card	Route Car	Route Card
Report	Incoming QC						INS. Report		INS. Report

									False proof		
				Pickling passivation	cleanliness			Wodden box	Listing	invoice & ewaybill	
	fullness	Chipping		sandering	Rough/Smooth	Buffing	Visual	Bundling	Numbering	inspection reports	
Assembly	Allignments	Deburring	touch & fe	3 in 1 cleaning	visual	Powder coating	spread	Palleting	fullness	3.2 Cert.	
Machining	dimension	Grinding	visual	Blasting	SA 2.5	Painting	DFT	Plastic wrap	Qty	RM test certificates	
final processing	Check	Finishing	Check	surface preparation	Check	Surface finishing	Check	packing	Check	documentation	despatch
WON	WON	WON	WON	WON	WON	WON	WON	WON	WON	WON	WON
Fitter	QC.Eng	Prod.Eng	Prod.Eng	Prod.Eng	QC.Eng	Prod.Eng	QC.Eng	QC.Eng	QC.Eng	QC.Eng	QC.Eng
Route Card	Route Card	Route Card	Route Card	Route Card	Route Card	Route Card	Route Card	Route Card	Route Card	Route Card	Route Card
	INS. Report		INS. Report								

- ❑ *JBF is committed to Supply our product in line with customer Specification and exceeding quality expectation within the committed time line*
- ❑ *By effective utilization of resources with an attitude of practicing continues improvement strategies with total employee involvement and Continual Improvement of the Quality Management System.*
- ❑ *Gain best customer Satisfaction and confidence through consistent supply of quality fabricated products and reliable services.*
- ❑ *Always be a competent, committed and customer oriented organization with an open mind to adapt new thoughts and technologies.*



- ☐ To Reduce customer NCR/Rejections less than 1%
- ☐ To attain Customer satisfaction score of more than 95%
- ☐ Achieve On Time Delivery of 90%
- ☐ Ensure effective utilization of Man 80%, Machine 90% & Material 95% Resources
- ☐ Maximize People skill score by effective training
- ☐ Achieve Production tonnage of 500 tons/Month
- ☐ Identify and eliminate 7 forms of wastages in all processes and improve process efficiency
- ☐ Continue improvement and kaizen projects to be carried out to minimize cost of production upto 5%





<i>Customers</i>	<i>Industry Segmentation</i>	<i>Products/ Items Served</i>
AUMUND	<i>Cement Plant - Bucket Elevator</i>	Equipment fabrication, Structural, Tail and Head Pulleys, Structural, Machined Components, Assemblies, Transitions etc
RUHRPUMPHEN	<i>API Pumps</i>	Metal Parts, Nozzle Head, Coloumn Pipes, Barrels, Base Plates, Pipe Lines.
IGCAR	<i>Nuclear Power Plant</i>	Fuel Cell Loading structures
ACCUDYNE	<i>Chemical Dosing Pump & Agitators</i>	Tanks, Skids, Pipe Lines, Agitator Shafts and Blades, Base frames, Metal Parts
DURR	<i>Paint Solutions</i>	Structural Fabrications
GRUNDFOS	<i>Water Pump</i>	Pipe Manifold & Base frame structures
INSAPLEX	<i>Fabric Bellows</i>	Bellow Ducts, Structural
FUJITEC	<i>Lift & Elevators</i>	Steel Structures, assembly parts & Weight plates
BALIGA	<i>Fire Proof Electrical Equipments</i>	Pedestal Frames, Wire Guards, Pannel Box, Light Poles, sheet metal fabrications etc.
THEJO	<i>Rubber Products & Linings</i>	Metal Parts, Chutes, Pipings, Structures Etc
EMERSON	<i>LPG Gas Skids</i>	Gas pipeline, Skids, Canopy, Structural, Base frames
ARUDRA	<i>Chemical Descaling</i>	Skids, Tanks, Pipelines, Structural
IGP	<i>Monolythic Joints</i>	Piping and Machining
DEVI POLYMERS	<i>Polymer Tanks</i>	Steel Structures and assembly parts
CORI RUBBERS	<i>Rubber Bellows</i>	Mandrills, Flanges, Retainer Rings, Cyclic Test Rigs, Dish end Vessels, Metal Parts etc

WPS, PQR & Welder qualification for

- ☐ *IS 2062 – Plates*
- ☐ *ASTM A106 – Pipes*
- ☐ *SS 316 to IS 2062 composite weld*
- ☐ *Stainless Steel 316 L pipe*
- ☐ *Stainless Steel 316 L plate*
- ☐ *Duplex S31803 Pipe*
- ☐ *Duplex S31803 Plate*
- ☐ *Super Duplex S32760 Pipe*
- ☐ *Super Duplex S32760 Plate*

Certified By TUV, DNV & CSWIFE



Welding Inspection

- ☐ UT-Ultrasonic Testing
- ☐ MPT- Magnetic Particle Testing
- ☐ DPT -Dye Penetrating Testing

Pressure Testing

- ☐ Hydro pressure Testing upto 40 bar
- ☐ Vaccum Testing
- ☐ Water fill Leak Testing

Painting & Surface Inspection

- ☐ DFT & WFT –Dry and Wet film Thick Testing
- ☐ Picking and Passivation Testing
- ☐ RAL colour code Test strips

Dimensional & Geometry inspection

- ☐ Vernier, inside & outside Micrometers, Height Guages, Dial gauges etc



Mild steel Grades

Grade
IS 2062 E250 A/BR ASTM A36 S235JR FE410 A283C
IS 2062 E350 A/BR/C ASTM A572 GR 50 S355JR FE490 SAILMA
CHEQUERED - IS 3502
IRS M41 CORTEN Steel
TISCRAI / SAIL HARD
BSK 46
HRPO / HRSPO

SS Grades

SS 304 / L

SS 316 / L

SS 904

SS 409

Duplex Steels

Lean duplex (Cr-Mn-Ni)

1.4362 /
S32304
PREN = 24

Standard grade (22% Cr)

1.4462 /
S32205
PREN = 32-36

Highly alloyed grades (25% Cr)

1.4507 /
S32550
PREN < 40

Super-duplex

1.4410 /
S32750
PREN = 40-45

Hyper-duplex

1.4658 /
S32707
PREN > 45



NC Bending 4250mm 150 Tons

NC shearing 6x3200mm

CNC Bending Machine



Turning Center



Fiber LASER
2000 Watts
Shuttle Table
MS-14mm
SS-8mm



Fiber LASER
2000 Watts
Shuttle Table
MS-14mm
SS-8mm













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Blasting Booth



Blasting-Dust Collection System



Chuck OD – 1250mm

Max Job height – 1150mm

Swing Dia – 1400mm

Brand - FRORIEP





Ironworking Machine

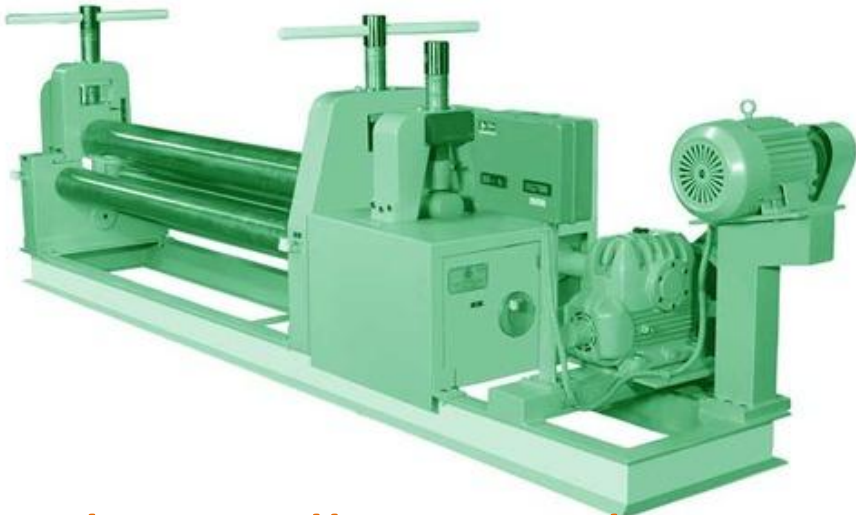


Plate Rolling Machine

Other Machines



Hydraulic Presses





MACHINE	CAPACITY	MAKE
CNC LASER CUTTING	2 KW – 1.5x3M – Double Bed	QY Laser
CNC LASER CUTTING	2 KW – 1.5x3M – Single Bed	QY Laser
CNC PROFILE CUTTING	Up to 150mm Thk – 3x8Mtr Bed	SYSTEM ENGINEERS
CNC PLASMA CUTTING	Up to 50mm	Hypertherm & JASIC
NC SHEARING Machine	Upto 6 mm x 3.2 Mtrs	GMT
NC BENDING Machine	125 Tons 4.2 Mtrs Length	GMT
IRON WORKER	80 Tons	SUNRISE
BAND SAW CUTTING	250MM	Multi
CHOP SAW CUTTING	Upto 150MM	Multi
ROLLING MACHINE	Upto 12mm thk – 2500mm L	National
Hydraulic Press	Upto 100 Tons	Multi

WELDING

MACHINE	CAPACITY	MAKE
MIG WELDING	Upto 500 Amps	Various
TIG WELDING	Upto 500 Amps	Various
ARC WELDING	Upto 400 Amps	Various

MACHINING

MACHINE	CAPACITY	MAKE
LATHE	Upto 7.5 feet Dia 600mm swing	Various
PLANO MILLER	4m X 3m	SPM
RADIAL DRILLING	RM 60	Imported

Material Handling

MACHINE	CAPACITY	MAKE
EOT Cranes	3, 5, 5, 10 tons	Techno - JBF
Mobile Crane	14 tons	ACE
Mini Truck	4 Tons	Bolero





Spool – SS316L 50mmthk Flange, 20mm Shell





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Fume Extractor - Thejo





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OnePlus







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SUPER DUPLEX





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**DOSING
SKIDS**





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**DOSING
SKIDS**



EOT CRANE STRUCTURES













2020.06.01







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BUCKET ELEVATORS PARTS











OPPO F11 Pro ©MS







Dish End – Pressure Vessel



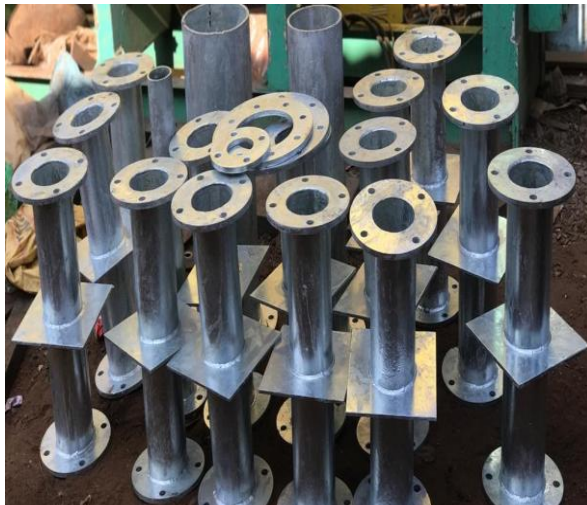
























“ Thank You ”



JAI BALAJI
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Business Presentation - General

By
M.Sripathi Dinash
CEO – JBF groups
9841 727 727