

COMPANY PROFILE

INTRODUCTION

JAINSONS MALLEABLES, is a leading manufacturer of Ductile Iron, Malleable Iron & Grey Cast iron foundry in India with more than 20 years of experience. We are producing Castings for various applications viz Malleable & Ductile iron pipe fittings, Electrical Insulators, Auto Parts, Ornamental Fence fittings, Clamp fittings etc.

To meet our customer's requirement we are continuously investing in our plant & machinery to offer Quality products with committed delivery period.

Our installed production capacity is about 300 Metric Tonnes castings per month. In 2012, we modernized our plant & migrated from Mollases Hand molding to Green Sand molding which is being done on machine moldings with Sand plant. Now we are manufacturing the castings on – Semi automatic DARPA make & Horizontal High pressure FM-1(Rhino) molding machine.

Chemical test being done via spectrometer (SPECTRO), Mechanical FIE Servo UTM machine & Image analysis (microstructure) testing of manufactured castings is done on daily basis to ensure the quality of products.

We have in-house pattern shop to make required molds quickly on VMC. In 2018 we added CNC turning lathes to offer CNC machined products to our customers viz (Aditya Birla Insulators,G.K.Xianghe Electricals Pvt.Ltd, Spark Insulators, Phoenix Electricals Ins.Mat.Co.Pvt.Ltd.)

In year 2019 we installed 3Ton electric heat treatment furnace to improve the Quality of our malleable iron castings. In same year 2019 started OEM manufacturing & started direct export of fittings to the U.K.

In Jan 2021 we installed Electrical Hot dip Galvanizing plant with capacity of 100 MT per month.

Moreover seeing the potential in export market for supply of MI & DI fittings, In year 2020 we applied for UL approval for MI fittings (1/2" to 1") & DI threaded pipe fittings as per American standard ASMEB163.

INVESTMENT & EXPANSION :

In end of December 2020, we got UL approval for MI & DI threaded pipe fittings. To increase our machining capacity we invested further in pipe fittings threaded machines worth USD 120000 approx. These machines will be installed in our factory by end of Sep 2021.

Moreover, we have also applied for FM approval of our MI & DI fittings in June 2021. Our samples have successfully passed the hydrostatic test done at FM USA Lab. We hope to receive the FM approval by end of Sep 2021.

Moreover in order to increase our tool / mold making capacity, we added another VMC (HURCO USA make) to our Tool Room.

We have vacant industrial (Plot # A3 – just adjacent to Our Machine shop) vacant having an area of about 1.25 acres. There, in next 5 years we plan to setup a 500 MT plant for manufacturing of MI pipe fittings for export.

OUR APPROVALS

Following are our quality approval certificate :-

1.UL Approval for MI & DI pipe fittings as per ASME B16.3

2.ISO 9001

Approval in Process / Planning :

We have already applied for FM Approval for MI & DI threaded pipe fittings & already submitted samples in June 2021 to the USA based FM lab for testing. We hope to receive the certification for same by end of Sep 2021.

Moreover for our **insulator metal parts business** we are in process of getting approval from Powder Grid Corporation of India (PGCIL). Also we are planning to get RDSO (Indian Railways approval) for supply of metal part fittings for railways insulator parts.

CERTIFICATE OF COMPLIANCE

Certificate Number EX28468
Report Reference EX28468-20201223
Date 2021-January-11

Issued to: Jainsons Malleables
B-3, Sports & Surgical Complex , Kapurthala Road
Jalandhar Punjab, 144021 IN

This is to certify that representative samples of FITTINGS, CAST IRON, DUCTILE IRON, MALLEABLE IRON AND BRONZE

See Addendum Page for Product Designation(s).

Have been investigated by UL in accordance with the Standard(s) indicated on this Certificate.

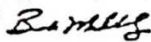
Standard(s) for Safety: ANSI/CAN/UL 213-Standard for Safety for Rubber Gasketed Fittings for Fire-Protection Service, ASME B16.3-Malleable Iron Threaded Fittings

Additional Information: See the UL Online Certifications Directory at <https://iq.ulprospector.com> for additional information

This Certificate of Compliance does not provide authorization to apply the UL Mark. Only the UL Follow-Up Services Procedure provides authorization to apply the UL Mark.

Only those products bearing the UL Mark should be considered as being UL Certified and covered under UL's Follow-Up Services.

Look for the UL Certification Mark on the product.



Bruce Mahrenholz, Director North American Certification Program

UL LLC

Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL. For questions, please contact a local UL Customer Service Representative at <http://ul.com/aboutus/locations/>





CERTIFICATE OF REGISTRATION

INTERCERT hereby certifies that the Quality Management System of

Jainsons Malleables

B-3, Sports & Surgical Complex, Kapurthala Road, Jalandhar - 144 021, Punjab, India

Has been successfully assessed as per the requirements of

ISO 9001:2015

For the scope of

Manufacture & Export of Pipe Fittings, Valves, Water Meters, Flow Meters, Tools & related Accessories for Industrial & Domestic Applications including Gas Distribution, Plumbing & Fire Fighting.

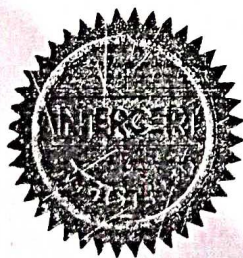
Initial Certification Date : 02-06-2019

Certificate Issue Date : 31-05-2019

Surveillance Validity Date : 30-05-2021

Recertification Date : 30-05-2022

Registration Number: IC-QM-1905220



Issued on behalf of InterCert
Head - Certifications



The validity of this certificate can be verified at www.intercert.com or through email at info@intercert.com. This certificate is the property of INTERCERT, C-1118, Noida One, B-8, Sector 62, Noida - 201301 and must be returned on request. Accreditation details are available with IAS, (International Accreditation Services) Inc. USA at www.iasonline.org.

OUR MISSION

We strive to be a Diamond in the field of Insulators Fittings for Electric transmission and Ornamental Fittings for Railings. Ours is a progressive, innovative & profitable organization serving the needs of customers through high quality & cost effective products & services with concern for people & safety.

*The **main concerns** in achieving our mission are: -*

- ✓ To *our customers*, we are committed to provide world standard products maintaining reasonable liquidity to fulfill our financial obligations to them.
- ✓ To *our employees*, we are committed to provide a dynamic developmental environment for achieving personal excellence & growth & thereby creating a highly motivated work force with a sense of belongingness to the organization.
- ✓ To *the society*, we are committed to being a responsible corporate citizen by following our obligations to the society at large & also by maintaining high level of safety measures in our products.

OUR VISION

- To provide developmental environment to our employees to achieve personal excellence & growth.
- To provide our customers, world standard products with reasonable prices.
- To contribute to the society a healthy environment by being a responsible corporate citizen, with high level of safety standard and professional management.

“PERFORMANCE WITH EXCELLENCE”

OUR PRODUCTS RANGE

Our Product Range Includes :

1. Malleable Iron Pipe Fittings (Indian and American Standard)
2. Ductile Iron Pipe Fittings (UL Listed, FM Applied)
3. Insulator Metal Part Fittings
4. Structural Fittings
5. SCH40 Steel Pipe Nipples (ERW) & Merchant Couplings
6. SCH40 SS-304 Pipe Nipples (ERW non polished)
7. Seamless Pipe Nipples
8. Fence Fittings
9. Auto Parts DI Castings
10. Miscellaneous DI Casting

OUR PRODUCTS



Iron Pipe Fittings



Merchant Coupling



Structural Fittings



Fence Fittings



Insulator Fittings

OUR PLANT AND MACHINERY

Following machinery & equipment are installed at our works:

- We have 3 units –
 - Jainsons Malleables - Foundry (Plot # B3),
 - Machine shop (Plot # A2 – About One Acre)
 - Jainsons Industries having Sales Office & warehouses.
- We have vacant industrial (Plot # A3 – just adjacent to Our Machine shop) vacant having an area of about 1.25 acres. There, in next 5 years we plan to setup a 500 MT plant for manufacturing of MI pipe fittings for export.
- One Induction Furnace With installed capacity of 300 MT per month.
- One Horizontal High Pressure Machine (Rhino) with 20MT sand plant.
- Two Semi-Automatic Moulding Machines (DARPA 300).
- Three Cold Box Core Shooter and Two Hot box Core Shooters.
- In House Pattern Shop (Equipped with VMC, Lathes, Milling M/C etc)
- One Pollution Control Equipment with 10 HP Motor.
- Two Diesel Generator 650 KVA & 125KVA.
- Three Shot Blasting Machines 20MT per day.
- 8 sets of pedestrian and 2 sets of Belt Grinders.
- In house Chemical & Mechanical testing and image analysis facility.
- One Electrical heat treatment furnace with 3 Ton per batch capacity.
- 2 Ton Elevator for material handling. Material handling pallet trucks & stackers.
- 3 Ton EOT Crane for material handling in foundry. 8 Chain hoists for Molds & boxes handling.
- Hot Dip Galvanizing Plant having Capacity 100 MT /Per month
 - 500 Steel mesh crates for material handling. Another 400 additional crates be added by October 2021.

MACHINES LIST:-

- Two HURCO (USA) make VMC. One BFW make VMC.
- Four CNC Tsugami (Japan) make.
- Three Lathe Machine, Four Air Compressor.
- Four Drill Machines up to 2" Capacity.
- Two Drill & Tap Machines up to 1" Capacity.
- Three Auto Core Shooter Machines, Two Hot Box Core Shooter Machine ..
- Four Three Head Tapping Machines for 1/2" to 2" fittings. Another 4 pipe fittings 1/2" to 2" threading machines will be installed by end of Sep 2021.
- One Automatic Double Elbow SPM Machines for 1/2" to 1" Elbows. Another Automatic Double Elbow SPM Machines will be installed by end of Sep 2021
- One Three Head Tapping Machines for 2.5" to 4" fittings.
- One Pipe Fittings Facing Machine.
- One Pipe Fittings Sizing Machine to Fix roundness of warp fittings.
- Material Handling Equipment- 2 Stackers & 5 Pallet Trucks.
- 8 Pneumatic test benches for air pressure leakage fittings at 100 psi.
- 2 Hydro test benches for water pressure leakage fittings at 2000 psi.
- Two Epoxy Powder Coating plants.

<h3><u>Pipe Nipple Threading machines :</u></h3>

- One Automatic Pipe Nipple threading machine Pipes Diameter 3/8" ~ 1" & making nipples length from close ~ 12" long (Taiwan).
- Four Lanco Die head pipe threading machines – 1/4" to 2"
- One Pipe Nipple Deburring machine
- One Double head parallel Lanco die head machine 1/2" to 2" pipe diameter and nipple length upto 8" will be installed in end of Sep 2021.

Photo Gallery



Raw Material-Stamping



Induction Furnace



FM Machine-Rhino Machine





Moulding Machines (DARPA 300)



Mould Boxes



Core Shooter-1



Core Shooter-2



VMC Machine-VM30i for making Molds, Coreboxes & Jigs.



VMC Machine-VM20



CNC Lathes (Make : Tsugami, Japan)



Hot Dip Galvanizing Plant 1



Hot Dip Galvanizing Plant cleaning tanks.



Hot Galvanized Fittings



Pipe Fittings Roundness / Sizing machine to correct warped MI pcs.



Storage of Material in Mesh crates

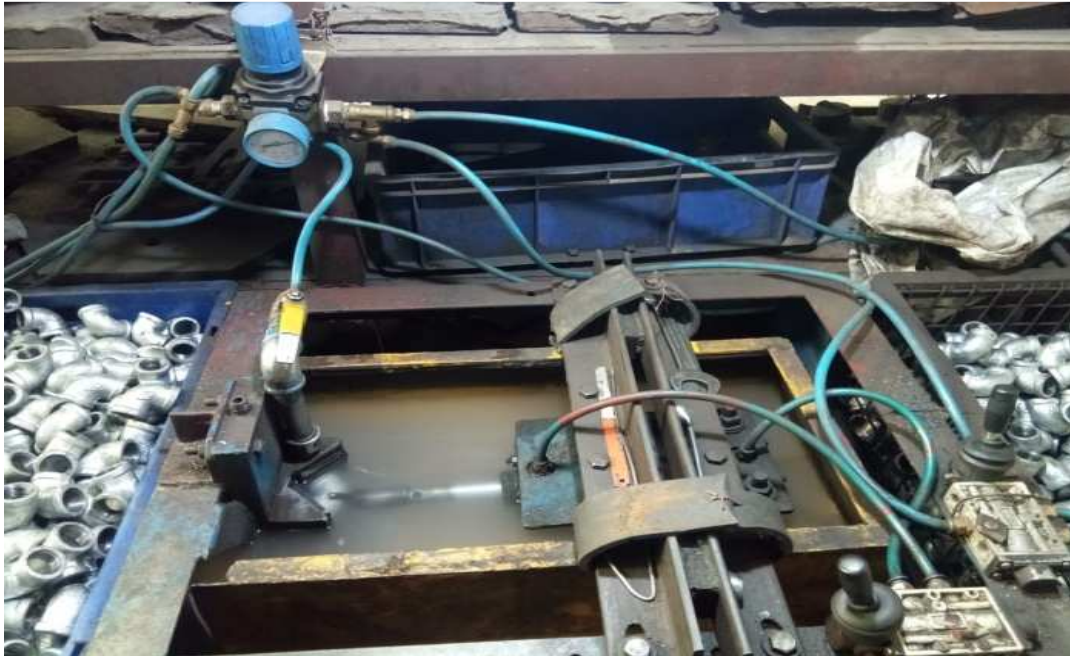
Threading Machines



Double Elbow Threading machine for machining Elbows ½" to 1"



Pneumatic & Hydrostatic Test



Pneumatic Testing of Pipe fittings at 100 psi air test pressure.



Pneumatic Test Bench (100 psi)



Hydrostatic test bench (Water 500 psi)

Automatic Pipe Nipple Threading Machine (Taiwan make)



Testing Equipments Available In the Factory :



Mechanical Testing(UTM Machine 40 tonn capacity)



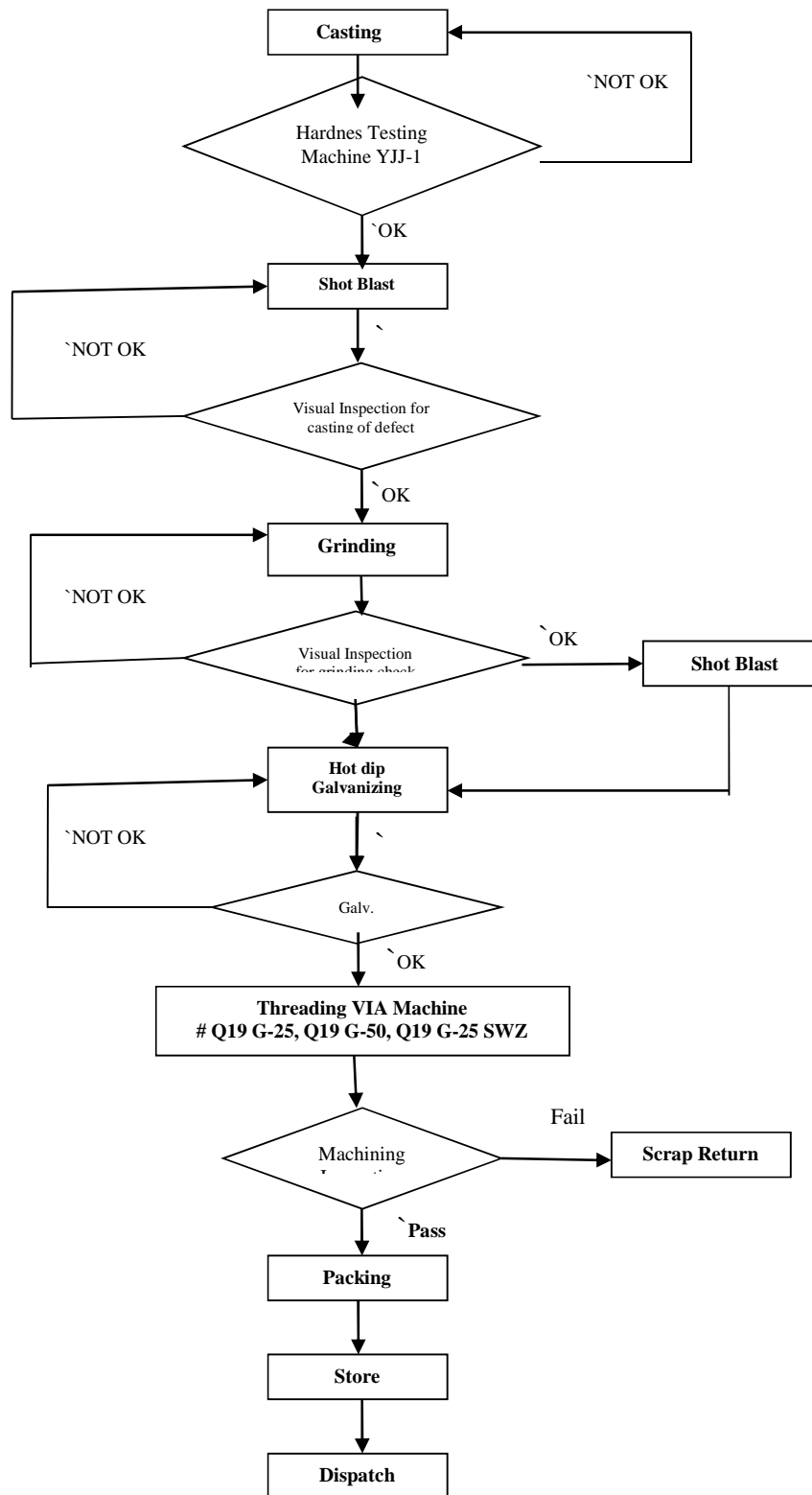


Hardness Testing Machine



Spectrometer

Our Process Flow Chart



Contact us

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