

INDO METAFORGE PVT. LTD.

An ISO 9001:2015 Certified Company



Ideal Group



Establishment Year - 2006

INDO METAFORGE PVT. LTD.



Ideal Group

Works Address :

D-14, M.I.D.C. Area,
Ahmednagar 414111

GST No. : 27AABCI3702M1ZL

Get in touch with us at :

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Director

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ABOUT US

Indo Metaforge Pvt. Ltd. is an **ISO 9001:2015** certified, forging industry. The company is located at D-14, M.I.D.C., Ahmednagar 414 111 which has good infrastructure of roads, administrative office, laboratory, telecommunication & regular supply of electricity. Total area of factory is around 4050 Sq. meters.

The company started its production in March 2006 & is engaged in the manufacturing and supply of closed die forged and machined components, as a reliable supplier of Automotive, Agro, Electricals and other engineering Industries. The components include Shafts, Levers, Gears, Flanges, washers and Bearing Bushes etc. Weighing from 0.5 Kg To 15 Kg.

We aim to provide one stage solution for our customer, for steel forging, machining, Heat Treatment and supply finished goods to customer.

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Group company	Product	Plot area (m²)	Built up area (m²)	Capacity per annum
IDEAL STEEL & IRON ENTERPRISES PVT. LTD. G-111, M.I.D.C., Ahmednagar	Bright Bar Manufacturing	6705	2000	6000 MT
IDEAL STEEL & IRON ENTERPRISES G-14/8, M.I.D.C., Ahmednagar	Profile Cutting & Steel Traders	1000	800	6000 MT
IDEAL INDUSTRIES F-91 & G-36, M.I.D.C. Ahmednagar	Electric Motor Shaft & Casting Machining Components	18700	3100	45000 No's
IDEAL INDUSTRIES (Casting Division) F-37, M.I.D.C. Ahmednagar	Ferrous Casting Components	2325	1675	3000 MT

INDO METAFORGE PVT. LTD.

ISO 9001:2015 CERTIFICATE



Ideal Group

ZERTIFIKAT ♦ CERTIFICATE ♦ 認証證書 ♦ СЕРТИФИКАТ ♦ CERTIFICADO ♦ CERTIFICAT



CERTIFICATE

The Certification Body
of TÜV SÜD South Asia Private Limited
certifies that

Indo Metaforge Pvt. Ltd.,
D-14, M.I.D.C., Area Ahmednagar - 414 111, Maharashtra, INDIA

has implemented a Quality Management System
in accordance with **ISO 9001:2015**
For Scope of

Manufacturing & supply of raw & machined closed die steel forgings.

The certificate is valid From **2021-01-17** until **2024-01-16**
Subject to successful completion of annual periodic audits
The present status of this Certificate can be obtained on www.tuvsud.com/en-in
Further clarifications regarding the scope of this certificate may be obtained by consulting the certification body

Certificate Registration No. **99 100 14139**
Date of Initial certification: **2013-01-17**
Issue Date: **2020-12-28**


Rahul Kale
Head of Certification Body
of TÜV SÜD South Asia Private Limited, Mumbai
Member of TÜV SÜD Group

TUV SUD South Asia Pvt. Ltd. • TÜV SÜD House • Saki Naka • Andheri (East) • Mumbai – 400072 • Maharashtra • India 



QUALITY POLICY

We are committed to manufacture and supply Forged & Machined Components as per Customer's specification with scientific and Engineering approach to assess and manage risks.

We shall continuously improve

- **Quality of our products**
- **Delivery Performance**
- **Skill & Safety of our Employees**
- **Customer Centric Approach**
- **Quality Management System**

To ensure customer satisfaction.

Date : 01/08/2017

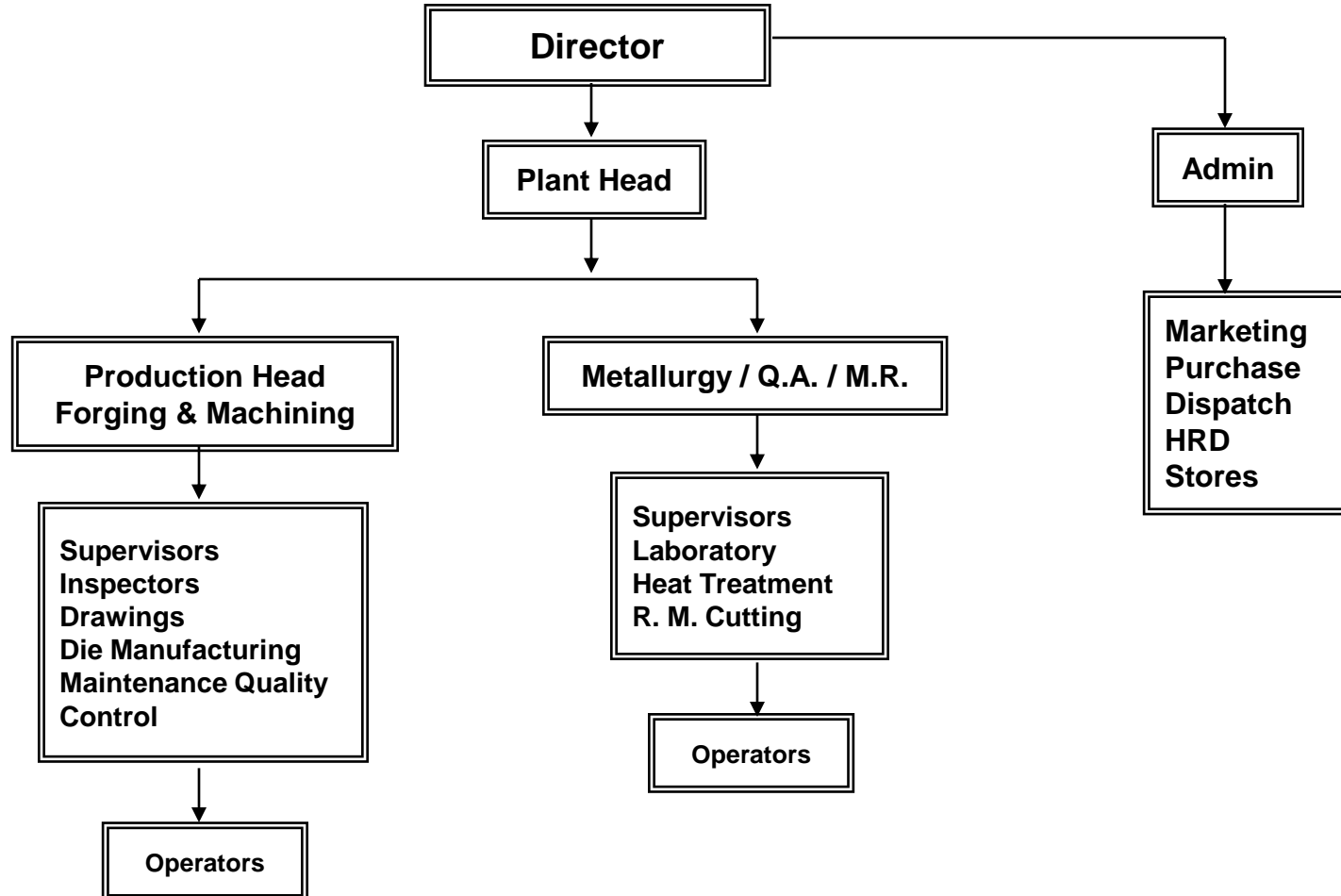


OUR VISION

- To expand our reach to all industrial segments where Forged & Machined Components are used & to be the ideal source for Forged & Machined Components
- For achieving the same, we are continuously working on Development the facilities to fulfill Customer demand.
- Our focus includes Design, Forging, Heat Treatment and Machining.
- Our focus is on to deliver the products on time with meeting the customers requirements.
- To enhance Forging production capacity of 3000 MT per annum.



ORGANIZATION CHART



LIST OF MACHINERY

FORGE SHOP



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Sr. No.	Machinery	Qty	Make	Type	Capacity
1	Belt Drop Hammer – 1.5 Ton	1	Rajan Hammers	Friction Belt Drop	Forgings up to 7.5 Kg.
2	Belt Drop Hammer – 0.8 Ton	1	NSE- Massey	Friction Belt Drop	Forgings up to 3 Kg.
3	Trimming Power Press 200 Tons	1	Ravi Presses	Pillar	200 Tons
4	Trimming Power Press 150 Tons	1	Aman power press	Pillar	150 Tons
5	200 KW Billet Heater	1	Megatharm	Induction	40 & 56 Dia
6	400 KW Billet Heater	1	Megatharm	Induction	65 RCS & 100 Dia
7	Air Compressor	4	Annest Iwata	Reciprocating	Max. Pressure 10Kg/cm ² -45CFM
8	Welding Machine	1	Advani	Three Phase	400 AMP

MACHINE SHOP



Sr. No.	Machines	Qty	Make	Type	Capacity
1	CNC Turning Centre	3	ACE Micromatic	Fanuc System Oi- MF	200 mm Dia
2	CNC Turning Centre	1	Global	Fanuc System Oi- MF	200 mm Dia
3	CNC Turning Centre	2	Mori-Seiki	Fanuc System Oi- MF	200 mm Dia

INSPECTION & TESTING EQUIPMENTS

Sr. No.	Machinery & Testing Equipment	Qty	Make	Type	Capacity
1	Height Gauge	1	Mitutoyo	Digital	300 mm
2	Vernier	4	Mitutoyo	Digital	200 mm
3	Vernier	2	Mitutoyo	Digital	300 mm
4	Micrometer	2	Mitutoyo	Digital	50 mm
5	Micrometer	1	Mitutoyo	Digital	75 mm
7	Surface Plates	1	Luthra		630 mm X 630 mm
8	Micrometer	1	Mitutoyo	Analog	25 mm
9	Micrometer	1	Mitutoyo	Digital	25 mm
10	Run out Stand	1	Crystal		
11	Dial Gauges	2	Mitutoyo	Analog	1 Micron
12	Dial Gauges	2	Mitutoyo	Analog	10 Micron
13	Dial Stands	2			

DIE SHOP



Sr. No.	Machines	Qty	Make	Type	Capacity
1	VMC	1	ACE Micromatic	Fanuc System Oi- MF	Equipped with CAD/CAM Software
2	Vertical Milling Machine	1	HMT	FN 3V	Max 350 mm Height
3	Plano Milling Machine	1	Huddersfield Ltd.		6'-0"*2'-6" size
4	Lathe 12" Center, Bed 6 feet	1	Ess Pee Ind.	With Semi Norton Gear	200 Kgs.
5	Lathe 20" Centre, Bed 12 feet	1	Ess Pee Ind.	With Semi Norton Gear	600Kgs
6	Lathe 12" Centre, Bed 5.5 feet	1	Sagar	With Semi Norton Gear	200 Kgs.
7	Pneumatic Air Grinder	4	C-P Tools	3050 & 3051	
8	Radial Drilling Machine	1	Energy	Radial, Fully Geared	32mm
9	EDM (Spark Erosion Machine)	1	MMT	Hydraulic Ram	60 Amps. With 800x500x500
10	D.C. Welding Rectifier	1	Esab		400 AMP
11	Pedestal Grinder	1	Grind Tool		Wheel Ø 200 mm
12	Electrical Hand Grinder	1	Dewalt	Angle Grinder	Wheel Ø100 & 175mm

CUTTING SHOP

Sr. No.	Machinery	Qty	Make	Type	Capacity
1	Billet Shearing Machine	1	Shree Engineering Works	Mechanical	75 RCS mm Max
2	Bandsaw-6''	2	Laxmi Engg works	Semi automatic	160 mm Max
3	Fully Automatic Band Saw Machine	2	Aditya	Automatic	250 Ø
4	HIGH Speed Circular Saw CSNC-80XL	1	ITL Industries	CSNC Machine	80 Ø

LABORATORY

Sr. No.	Machinery & Testing Equipment	Qty	Make	Type	Capacity
1	Rockwell Hardness Machine	1	FTM Make	Model - OTRS	
2	Metal Spectroscope	1	SICO Feedback	Model 1500	
3	Polishing Machine	1	Vardhan	Single Spindle	
4	Carbon & Sulphur Determinator	1	Abort Ind.	Combustion	
5	Muffle Furnace	1	Shital Scientific		0 to 1000°C
6	Laboratory Balance	1	Tapson	Single pan	0.1 mg to 100 gm
7	Hot Plate	1	Steel Anal.		3 KW
8	Distilled Water Plant	1	Steel Anal.	2 KW	2 Lit/Hr.
9	Jominy Hardnability Test Equip.	1	Indigenous		
10	Microscope	1	Vardhan	Inverted Metallurgical Microscope	500X (Magnification)
11	Microscope	1	Daksh Quality Systems	Inverted Metallurgical Microscope	1000X (Magnification)

HEAT TREATMENT

Sr. No.	Machinery & Testing Equipment	Qty	Make	Type	Capacity
1	Continues Normalizing Furnace	1	Ashwini Engg.	Automatic	7 Tons per day
2	Hardness Testing Machine	1	FTM	TKB-3000	3000 Kg / 10 mm
3	Optical Hardness Testing Machine	1	FTM	TKB-3000	3000 Kg / 10 mm
4	Pedestal Grinder	2	Grind Tool	2HP	Wheel Dia 250 MM
1	Iso Thermal Annealing, Hardening & Tempering Carried out with M/s. Akas Heat Treaters, Ahmednagar. Continuous Gas Fired Furnace	1	Ashwini Engg.	Automatic	1 MT Per Hour

GRINDING & FINISHING

Sr. No.	Machinery	Qty	Make	Type	Capacity
1	Shot Blasting Machine	1	Peen-Blast	Rotoblast	400 Kg / Charge
2	Shot Blasting Machine	1	Indian Harvester	Automatic Loader	150 Kg / Charge
3	Pedestal Grinder	2	Grind Tool		Wheel Ø 300 mm
4	Belt Grinder	2	Indigenous	3 HP	

INSPECTION & QUALITY CONTROL

Sr. No.	Machinery & Testing Equipment	Qty	Make	Type	Capacity
1	Magnaflux M/c with Demagnetizer	1	Mayuresh	EMCO 457 55P	2500A-15KAT
2	All Measuring instrument Includes surface plate, height gauges, Vernier calipers, radius gauges, V blocks, pistol calipers etc.		Mitutoyo		

EXPANSION PLAN



- Hammer 1.0 MT, 1.5 MT & 2 MT up to March'23
- Continuous Gas Fired Normalizing / Isothermal 500 Kg./Hr. up to Apr'23
- CNC machines 200 mm 4 no's up to Apr'23
- VMC machines 2 no's up to May'23
- Circular saw machine up to May'23

CUTTING SHOP



AUTOMATIC BANDSAW MACHINE



AUTOMATIC CIRCULAR SAW MACHINE



SHEARING MACHINE



TOOL ROOM

VMC MACHINE



MILLING MACHINE



PLANO MILLER MACHINE



LATHE MACHINE



MATERIAL HEATING



200 KW INDUCTION BILLET HEATING



400 KW INDUCTION BILLET HEATING



FORGE SHOP

BELT DROP HAMMER 1.5 T



BELT DROP HAMMER 0.8 T



TRIMMING PRESSES



HEAT TREATMENT

INHOUSE CONTINUOUS NORMALISING FURNACE



ISOTHERMAL ANNEALING, HARDENING & TEMPERING

OUTSOURCED AT AKAS HEAT TREATERS



QUALITY TESTING EQUIPMENTS



SHOT BLASTING MACHINE



MPI TESTING MACHINE



MICROSCOPE



HARDNESS TESTING MACHINES



JOMINY END QUENCH TESTING



MUFFLE FURNACE



OUR PRODUCTS



OUR ESTEEMED CUSTOMERS



Mahindra CIE

Mahindra CIE Automotive Ltd.
Pune & Rajkot



Premium Transmission Ltd,
Aurangabad (Group of Crompton Greaves)



LGB Forge Ltd.
Pondicherry (Supplier of Poclain Hydraulics)



Indosculp Auto Comp Pvt. Ltd.
Ahmednagar (Supplier of Premium's Gear Motor Division)



Indsur Gears Ltd.
Prime supplier of Piaggio, M&M, etc.



Polybond India Pvt. Ltd. (Rathi Group),
Pune (Manufacturer of Transmission Couplings)



Bhansali Trailers Pvt. Ltd.,
Ahmednagar (Manufacturer of Agricultural implements)

THANK YOU



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