



MERIND AUTOMOTIVE PVT. LTD.
MERIND DIE CAST PRIVATE LTD.

ISO/TS 16949:2002 Certificate No. 12 111 1692 TMS



ISO/TS 16949: 2002



WATER PUMP

OIL PUMP

TS 16949 Certified Company Manufacturing Automotive Water & Oil Pumps and Aluminium Machined parts of High Quality & Competitive in Pricing. Exporting to Germany, USA, Malaysia & Singapore

We also manufacture & supply Water pump bodies, Aluminium-die cast, shot blasted machined, Imperganated, Leak Tested Ready for Assembly.

ALUMINIUM MACHINED PARTS



MERIND Automotive Pvt. Ltd.

D-6, Mogappair West Industrial Estate, Chennai-600 058, India Ph:+91-44-2625 1505, 2624 5505.

Fax:+91-44-2625 7722, Mobile:+91 98410 45945.

Email: merindmic@vsnl.com Website: www.merindmic.com.

MERIND Die Cast Private Ltd.

No. 25/1, Seneer Kuppam, Poonamallee, Avadi Road, Chennai - 600 056, INDIA

Ph:+91-44-55190766. Mobile:+91 98410 02900 Email: merindmdc@vsnl.net



MERIND
GROUP

MERIND Automotive Pvt Ltd

MERIND Die Cast Pvt Ltd

Merind Group -Companies profile

MERIND Automotive Pvt Ltd is an Automobile engineering company from southern India.

- An ISO/TS 16949:2002 Certified Company
- All machining were done with CNC turning centers & Vertical Machining Center (VMC)
- Manufacturing of Automobile water and oil pumps
- Manufacturing of high precision Aluminum Pressure die casting & Machining of components used in Automobile & other engineering industries.
- Manufacturing of ALUMINIUM SECTIONS (EXTRUSIONS PROFILES)



ISO/TS 16949:2002

MERIND Die cast pvt.Ltd is an Aluminum Pressure die casting company

- An ISO 9001-2000 Certified Company
- 2 No's of Pressure Die Casting machine – 400 Tone , one supported with Auto Ladle
- We can produce casting that range from 250 gms to 2kgs+ per shot .
- All machining done with CNC turning centers & VMC.
- In-House Shot Blasting Unit that can take up to 80,000 shots
- Manufacturing and selling of Automotive water & Oil pump for after market sales in India and USA



ISO 9001:2000

Merind Group -Business Model

Merind Group business model involves around three key drivers

- **OUR QUALITY AND PROCESSES**
- **OUR BEST OF BREED MACHINERY / TECHNOLOGY**
- **OUR PEOPLE**

These have been instrumental in successful delivery services at competitive price to achieve maximum customer satisfaction

MERIND Automotive Pvt Ltd

Introduction

MERIND Industrial Corporation was established in the year 1992. It is one of the first Hi-tech **CNC** machine shop in the city of Chennai, India. It is an **ISO-9001** Certified company. From November'2006 the name was changed to **MERIND Automotive Pvt Ltd.**

Line Of Business

We are engaged in manufacturing of **Automotive Water and Oil Pump and Aluminum Machined Parts**, from bar stock, Pressure Die casting and Gravity Die casting to all major Auto component Industry and all of them are ISO or QS Certified companies.

Our Export

We export our products to Singapore, Germany, Malaysia & USA.

Service Line

Accurate Quality ,Optimum cost and Delivery on time

Mission

Our mission is to efficiently manufacture and supply you with highest Quality at the best price to fully meet our customers expectations.

MERIND Die Cast Pvt Ltd

Introduction

Merind Die Cast was established in the year 2003. It is an **ISO-9001 : 2000** Certified company.

Line Of Business

We are engaged in manufacturing of **Aluminium** Pressure Die casting to all major Auto component Industry and all of them are ISO or QS Certified companies.

Service Line

Accurate Quality ,Optimum cost and Delivery on time

Mission

Our mission is to efficiently manufacture and supply you with highest Quality at the best price to fully meet our customers expectations.



Management Servi

CERTIFICATE

The Certification Body
of TÜV SÜD Management Service GmbH
Trading as TÜV South Asia Private Limited

certifies that

MERIND AUTOMOTIVE PVT. LTD.
D - 6, MOGAPPAIR WEST, INDUSTRIAL ESTATE,
BEHIND WAVIN, CHENNAI – 600 058,
TAMIL NADU, INDIA

has established and applies
a Quality Management System for

**Manufacture of
Ferrous and Non - Ferrous Machined Components
including Starter Motor Housing, Alternator Body &
Cover and Water Pump Body for Automotive Industries**
(without Product Design as per Chapter 7.3)

An audit was performed, Report No. **70028564**
Proof has been furnished that the requirements
according to

ISO/TS 16949: 2002
Second Edition 2002-03-01

are fulfilled. The certificate is valid from **2006-07-11** until **2009-07-10**

Certificate Registration No.: **12 111 16952 TMS**

IATF Certificate No.: **0028307**



Munich, 2007-06-01

Page 1 of 1

ZERTIFIKAT ♦ CERTIFICATE ♦ 認証証書 ♦ CERTIFICADO ♦ CERTIFICAT



Management Service

CERTIFICATE

The Certification Body
of TÜV Management Service GmbH
Trading as TÜV Süddeutschland India Pvt. Ltd.

certifies that

MERIND DIE CAST PVT. LTD.

HEAD : D-6, MOGAPPAIR WEST INDUSTRIAL ESTATE,
OFFICE : CHENNAI – 600 058, TAMIL NADU, INDIA

WORKS : 25/1, SENEERKUPPAM,
POONAMALLEE AVADI ROAD,
CHENNAI – 600 056, TAMIL NADU, INDIA

has established and applies
a Quality Management System for

Manufacture and Supply of Pressure Die Castings

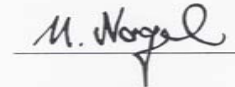
An audit was performed, Report No. 70077936

Proof has been furnished that the requirements
according to

ISO 9001: 2000

are fulfilled. The certificate is valid until **2007-08-30**

Certificate Registration No. **12 100 23296 TMS**



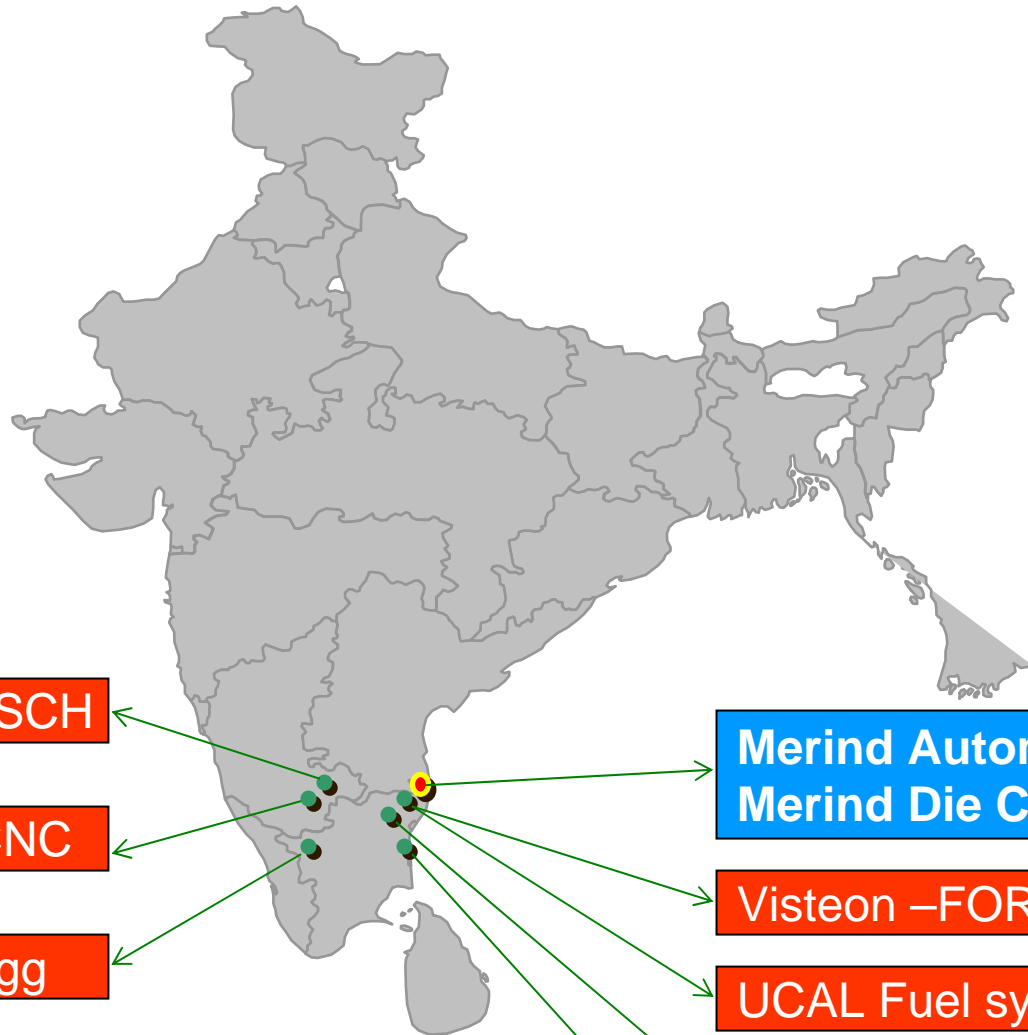
Munich, 2005-06-24



TGA-ZM-07-02



Merind Group Esteem Domestic Customers



MICO - BOSCH

Deeyem CNC

Eswar Engg

Merind Automotive Pvt Ltd
Merind Die Cast Pvt Ltd

Visteon –FORD

UCAL Fuel systems

EBM – Nadi International

Delco Remi Electrical

MERIND GROUP - INTERNATIONAL CUSTOMERS

Bertschinger
(Germany)

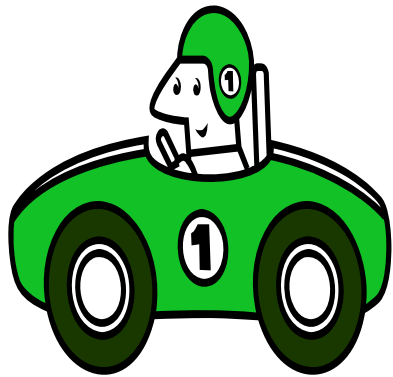
Reliance
(USA)

Ultra
Instrumentation
(Singapore)

Sparpro
(Malaysia)



MERIND GROUP



Automotive
Water/Oil Pumps
“MIC” brand

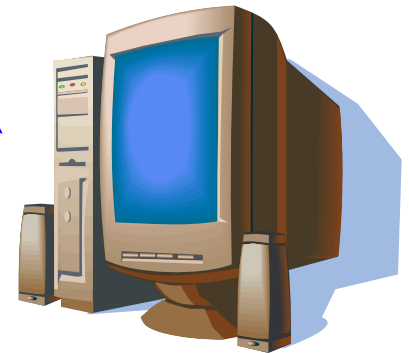


Automobiles

OUR PRODUCTS



Home Appliances



Electrical

List of Jobs for MICO..



S.NO	Component	Part No
1	Drive End Shield	F002 G21 337
2	Drive End shield	F002 G21 390
3	Drive End shield	F002 G21 265
4	Bearing Flange	F002 G31 071
5	Slip Ring End Shield	F 002 G11 649
6	Slip Ring End Shield	F 002 G21 524
7	Drive End Shield	F 002 G21 241
8	Drive End Shield	F 002 G21 817
9	Drive End Shield	F 002 G21 768

MERIND Automotive Pvt Ltd

Drive End Shield – F 002 G21 337

Casting

Machined



Critical Dimensions

Description	Specification
Bearing Bore	13.956 / 13.974
Mounting dia.	88.770 / 88.880

Customer : MICO- BOSCH
End User : Hindustan Motors



MERIND Automotive Pvt Ltd

Drive End Shield – F 002 G21 390

Casting



Machined



Critical Dimensions

Description	Specification
Bearing Bore	36.950 / 36.975
Mounting dia.	82.410 / 82.464

Customer : MICO, BOSCH
End User : Mahendra & Mahendra

Achieved in
7 Microns

MERIND Automotive Pvt Ltd

Drive End Shield – F 002 G21 265

Casting



Machined



Critical Dimensions

Description	Specification
Bearing Bore	13.956 / 13.974
Mounting dia.	74.650 / 74.700

Achieved in

7 Microns

Customer : MICO, BOSCH
End User : Maruthi

MERIND Automotive Pvt Ltd

Bearing Flange – F 002 G31 071

Casting



Machined



Critical Dimensions

Description	Specification
Bearing Bore	32.008 / 32.033
Mounting dia.	37.061 / 38.000

Achieved in
5 Microns

Customer : MICO, BOSCH
End User : BOSCH

MERIND Automotive Pvt Ltd

Slip Ring End Shield – F 002 G11 649

Casting



Machined



Critical Dimensions

Description	Specification
Bearing Bore	31.500 / 31.650
Starter seat dia.	125.000/125.063

Achieved in
8 Microns

Customer : MICO, BOSCH
End User : TATA, TAVERA, Mahendra & Mahendra

MERIND Automotive Pvt Ltd

Slip Ring End Shield – F 002 G21 524

Casting



Machined



Critical Dimensions

Description	Specification
Bearing Bore	31.500 / 31.650
Starter seat dia.	125.000/125.063

Achieved in
8 Microns

Customer : MICO, BOSCH
End User : GM Motors

MERIND Automotive Pvt Ltd

Drive End Shield – F 002 G21 241

Casting



Machined



Critical Dimensions

Description	Specification
Bearing Bore	13.956 / 13.974
Mounting dia.	88.770 / 88.880

Achieved in

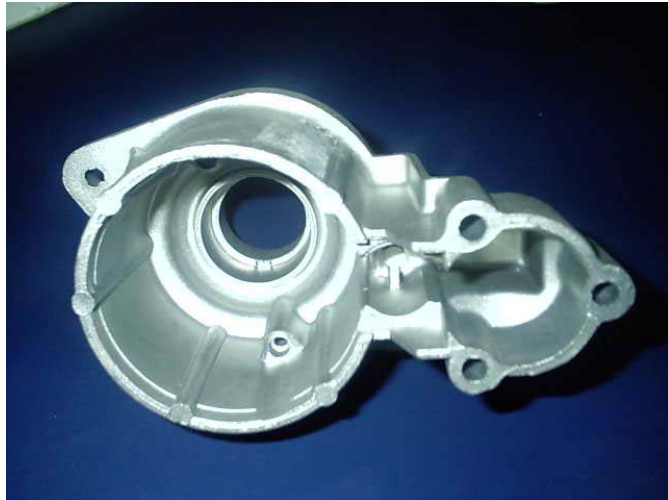
7 Microns

Customer : MICO, BOSCH
End User : Hindustan Motors

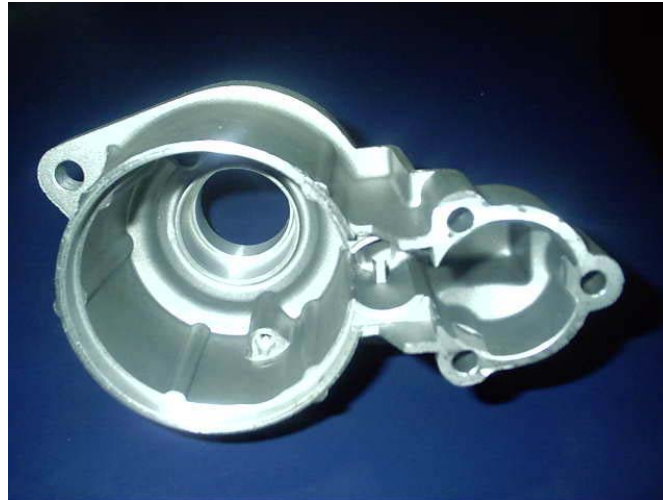
MERIND Automotive Pvt Ltd

Drive End Shield – F 002 G21 817

Casting



Machined



Critical Dimensions

Description	Specification
Bearing Bore	36.950 / 36.975
Mounting dia.	74.900 / 74.980

Achieved in

7 Microns

Customer : MICO, BOSCH
End User : Greaves

MERIND Automotive Pvt Ltd

Drive End Shield – F 002 G21 768

Casting



Machined



Critical Dimensions

Description	Specification
Bearing Bore	13.956 / 13.974
Mounting dia.	88.910 / 88.964

Achieved in
5 Microns

Customer : MICO, BOSCH
End User : Hindustan Motors



List of Jobs for VISTION..

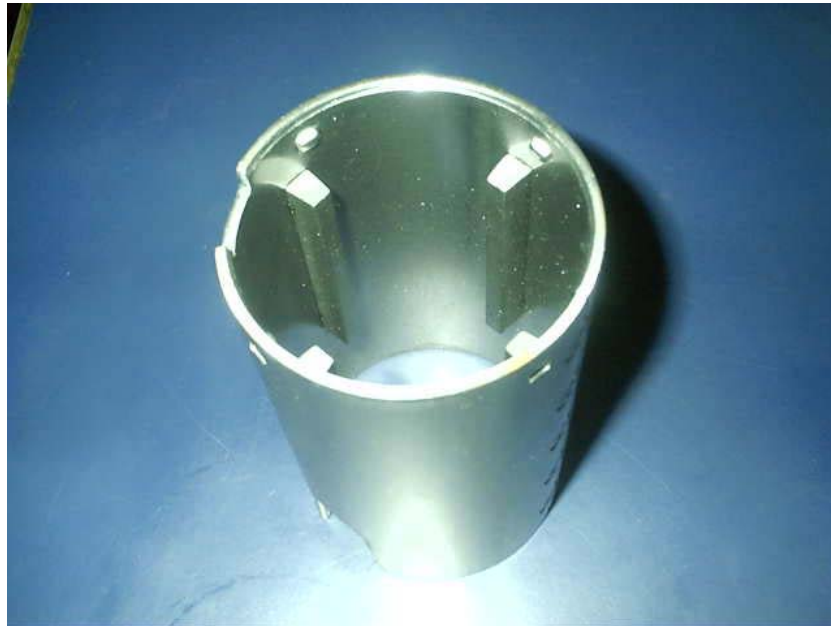


S.NO	Component	Part No
1	Starter Frame	VP 3T 5U 11A 162 BA
2	Armature Assembly	X R1U 11K 154 AA

MERIND Automotive Pvt Ltd

Starter Frame – VP3TSU-11A162BA

Machined



Critical Dimensions

Description	Specification
Bore	73.550 / 73.600

Customer : Vistion
End User : FORD

MERIND Automotive Pvt Ltd

Armature Assembly – XRIU-11K154-AA

Machined



Critical Dimensions

Description	Specification
Length	10.130 / 10.370

Customer : Vistion
End User : FORD

D E Bracket – 30 - 10831



S R E Bracket – 30 - 10833



Customer : Remi Electrical
End User : TATA

MERIND Die Cast Pvt Ltd

FAN Housing – 4”



Customer : EBM-Nadi International
End User : EBM-Nadi

MERIND Die Cast Pvt Ltd

Various Type of Pressure Die Castings



Customer : EASWAR ENGINEERING
End User : MICO

MERIND Die Cast Pvt Ltd

Various Type of Pressure Die Castings



Customer : DEEYAM CNC
End User : MICO

MERIND Die Cast Pvt Ltd

Various Type of Pressure Die Castings



Customer : MICO – POWER TOOLS

End User : BOSCH

MERIND Die Cast Pvt Ltd

Air Filter



List of Pumps merind can supply to Customers ready for assembly

W.P MARUTI800
W.P MARUTI VAN
W.P TATA SUMO
W.P TATA INDICA
W.P MAHINDRA PEUGOT
W.P MAHINDRA BOLERO
W.P MINIDOR
W.P CHAMPION
W.P MARUTI ALTO
W.P MARUTI WAGAN R
W.P MARUTI ZEN
UNIVERCE TYPE ELECTRONIC FUEL PUMP
MECH.FUEL PUMP MARUTI CAR
MECH.FUEL PUMP MARUTI VAN
MECH FUEL PUMP HMT
FUEL PUMP APE
W.P LANCER PETROL
W.P PROTON
W.P FIAT
O.P MAHINDRA PEUGOT

Water Pump Kit for Truck & Tractor Application

**CAPACITY TO
DEVELOP**

**WATER & OIL
PUMP AS PER
CUSTOMER
REQUIREMENT**

MERIND Automotive Pvt Ltd

Water Pump



Customer : UCAL

MERIND Automotive Pvt Ltd

Water Pump - "MIC" Brand

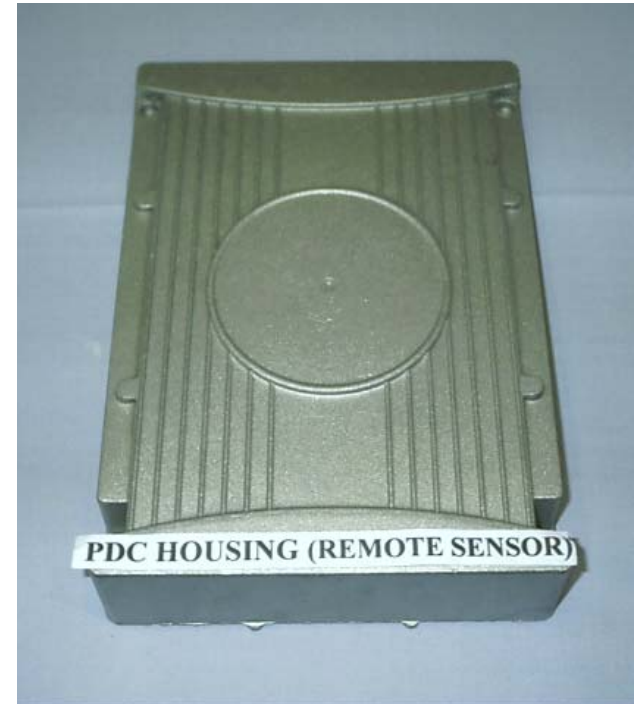


MERIND Automotive Pvt Ltd
OIL Pump - “MIC” Brand



Customer : UCAL
End User : Mahendra & Mahendra

EXPORTS



ALUMINIUM SECTIONS (EXTRUSIONS PROFILES)

We have variety of aluminum profiles for use

- Packaging machinery
- Industrial Structure
- Pharmaceutical machinery
- Bio-medical equipments

We are manufacturing of accessories for the Aluminum profiles ,these components are specially engineered to meet all types of structural needs as well as quality needs as per the international standards.

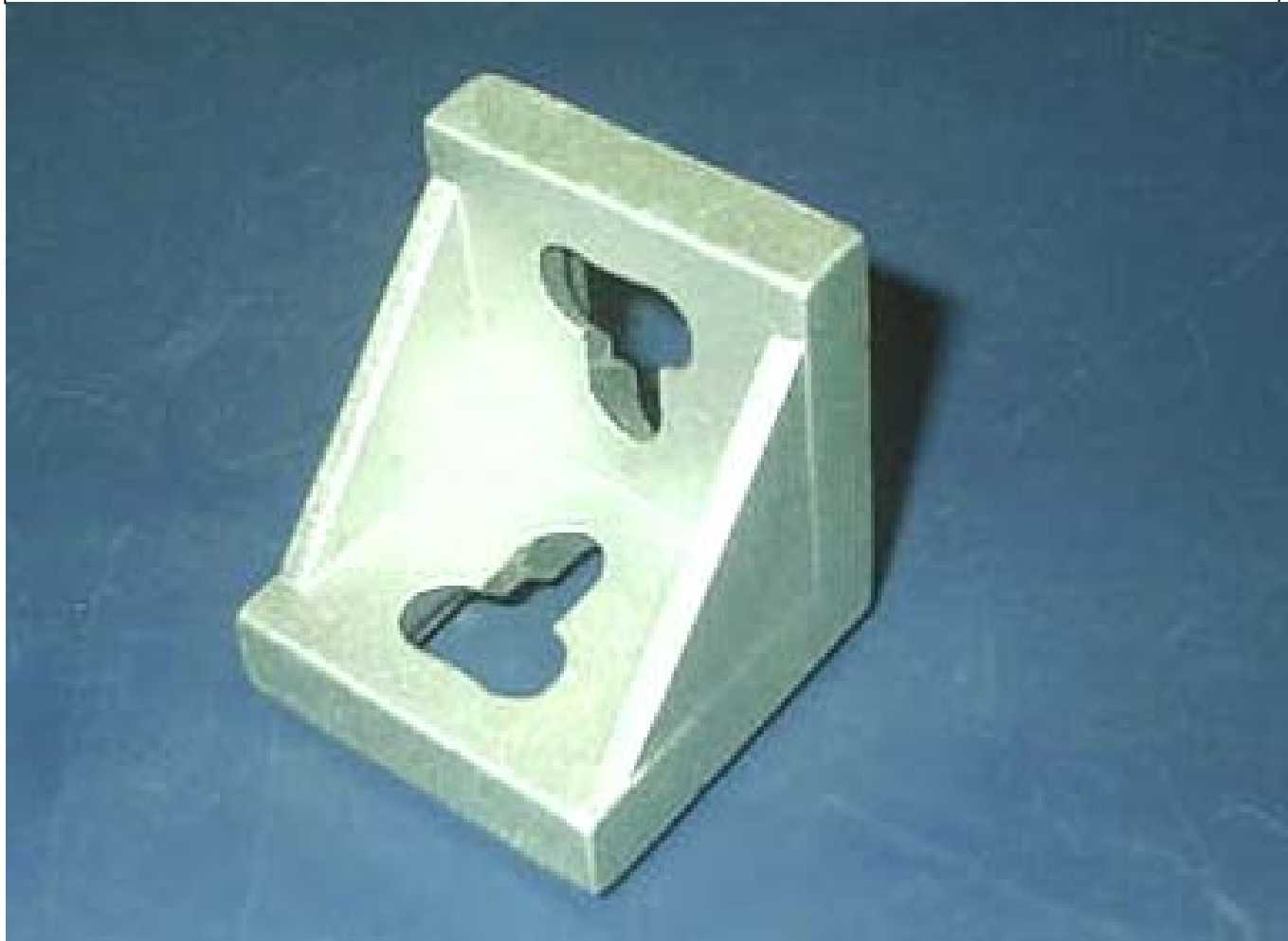
MERIND Automotive Pvt Ltd

40 x 40 x 38 Bracket



MERIND Automotive Pvt Ltd

42 x 42 x 43 Bracket



MERIND Automotive Pvt Ltd

80 x 80 x 40 Bracket



MERIND Automotive Pvt Ltd

88 x 88 x 43 Bracket



MERIND Automotive Pvt Ltd

60 x 52 x 20 Bracket



MERIND Automotive Pvt Ltd

TEE Nuts



ZINC



STEEL

MERIND Automotive Pvt Ltd

Anchors



MERIND Automotive Pvt Ltd

Hinge



MERIND Automotive Pvt Ltd

Magnetic Lock



MERIND Automotive Pvt Ltd

45 x 45 End Cap



MERIND Automotive Pvt Ltd

40 x 40 End Cap



MERIND Automotive Pvt Ltd

30 x 30 End Cap



MERIND Automotive Pvt Ltd

40 x 80 End Cap



MERIND Automotive Pvt Ltd

40 x 35 End Cap



MERIND Automotive Pvt Ltd

45 x 90 End Cap



MERIND Automotive Pvt Ltd

M12 x 30 Screw



MERIND Automotive Pvt Ltd

Pneumatic Universal Joints



OUR QUALITY

Quality Policy :

We are **committed for continuous improvement** of its processes for producing quality products supplied at right time with best price that keeps the customer satisfied all times

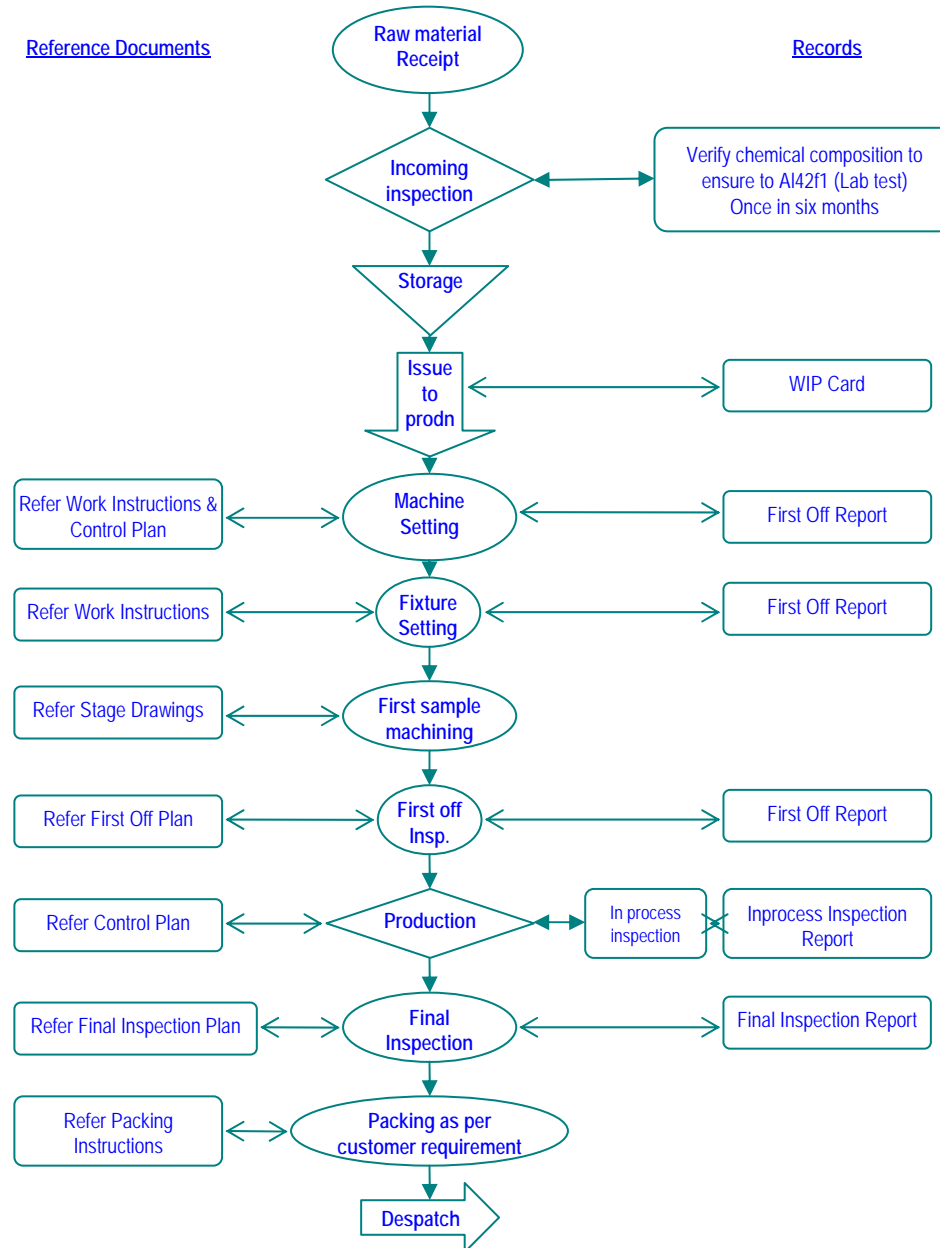
Quality Objectives

1. Achieve 50 PPM at customer end
2. To reduce the customer complaints to Zero level
3. To maintain In-house rejections within 1500 PPM
4. To maintain 100% on time delivery

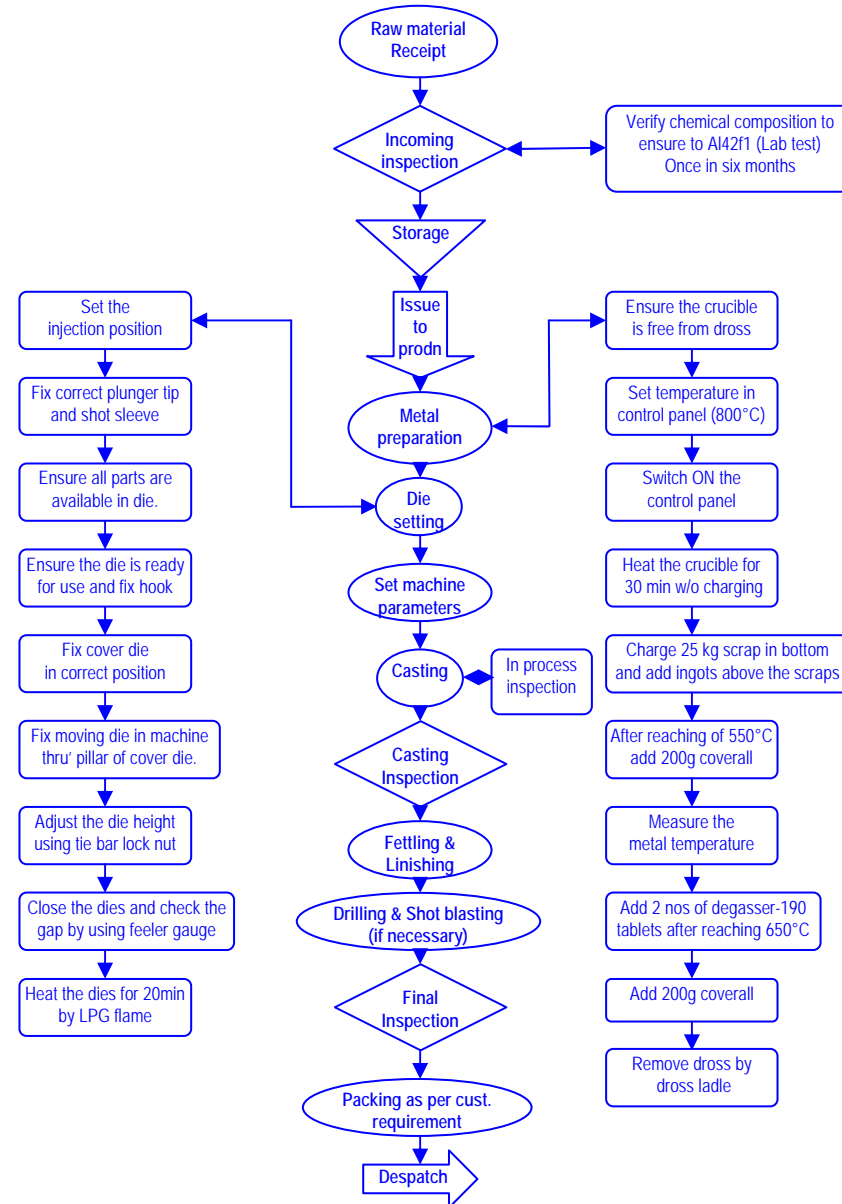


MERIND Automotive Pvt Ltd

Process Flow Chart



Process Flow Chart



Our Machinery at Merind Automotive



Turning Center
Jobber XL - 3 Nos
Micromatic Make



VMC
DTC 250C - 1 No
AMS Make



VMC
DTC 300C - 1 No
AMS Make

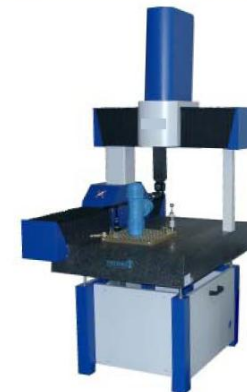


Turning Center
LT 2 - 1 No
Micromatic Make



VMC
Venture - 1 No
AMS Make

3-D Measuring Machines



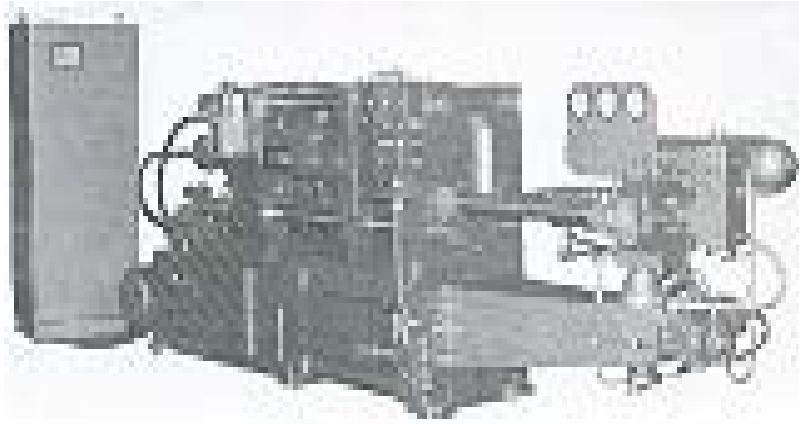
Our Machinery at **Merind Automotive**

(CNC – Machine Shop)

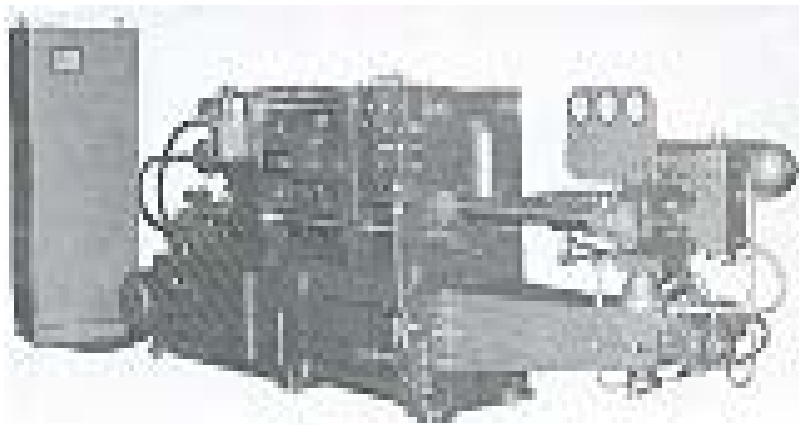
List of Machineries

CNC Lathe with 8 station turret	4 No's
VMC Machining centers (12 stations)	4 No's
C.M.M Machine	1 No
Drilling machines	2 No's
Tapping machines	2 No's
Bench Grinder	1 No's
Air compressor	2 No's
Air Gauges	3 No's
Hydraulic Press 5 ton	1 No's
Necessary measuring equipment	1No's
Leak testing machine.	1No's

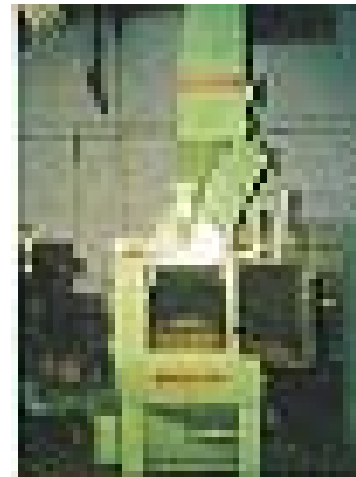
Our Machinery at Merind Die Cast



Pressure die casting machine-1 (400T)



Pressure die casting machine-2 (400T)



Shot Blasting machine - 1 No



Air Pollution Control Machine - 1 No

Our Machinery at **Merind Die Cast**

(Aluminum Pressure Die casting foundry)

PDC machine 400 ton	2 No's
Auto Ladle	2 No's
Equvilant Auto Spray	2 No's
Shot blasting machine	1 No's
Drilling machine	2 No's
Fettling Machine	2 No's

In house Die Service center and having a third party tie-up with

Leading Mould maker DIE-TECH INDIA

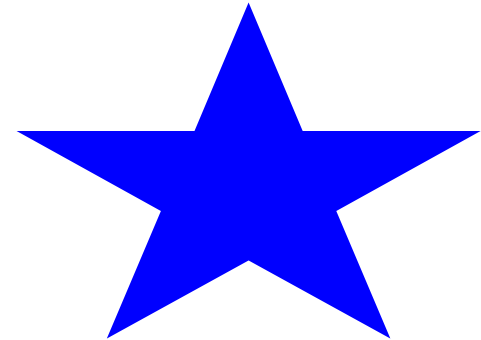
OUR PEOPLE

Employee Motivation Activities

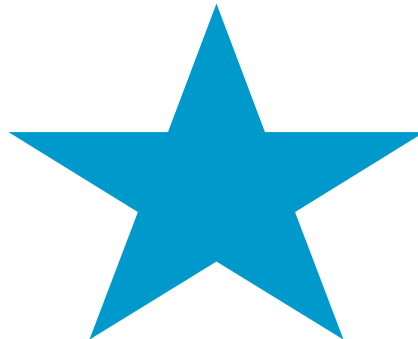
Best Production Shift -In-Charge



Best OPERATOR for the MONTH



Best QUALITY person for the MONTH



OUR MARKETINGbrowser



MERIND GROUP

MERIND AUTOMOTIVE PVT. LTD.
MERIND DIE CAST PRIVATE LTD.

ISO/TS 16949:2002 Certificate No. 12 111 16942 TMS



TUV SUD

ISO/TS 16949:2002



WATER PUMP OIL PUMP

TS 16949 Certified Company Manufacturing Automotive Water & Oil Pumps and Aluminium Machined parts of High Quality & Competitive in Pricing. Exporting to Germany, USA, Malaysia & Singapore

We also manufacture & supply Water pump bodies, Aluminium-die cast,shot blasted machined, Imperganated, Leak Tested Ready for Assembly.

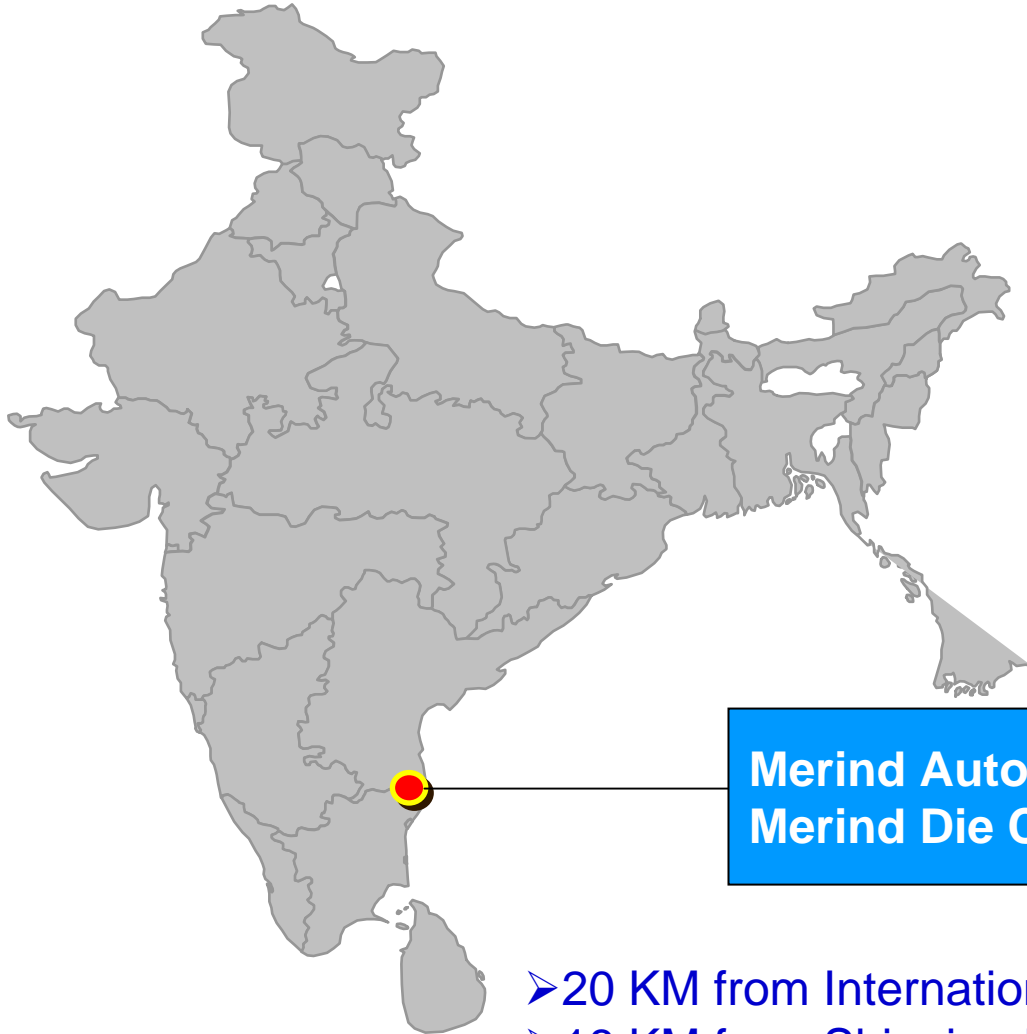


ALUMINIUM MACHINED PARTS

MERIND Automotive Pvt. Ltd.
D-6, Mogappair West Industrial Estate, Chennai-600 058, India Ph:+91-44-2625 1505, 2624 5505.
Fax:+91-44-2625 7722, Mobile:+91 98410 45945.
Email: merindmic@vsnl.com Website: www.merindmic.com.

MERIND Die Cast Private Ltd.
No. 25/1, Sennear Kuppam, Poonamallee, Avadi Road, Chennai - 600 056, INDIA
Ph:+91-44-55190766. Mobile:+91 98410 02900 Email: merindmdbc@vsnl.net

We are at



**Merind Automotive Pvt Ltd.
Merind Die Cast Pvt Ltd.**

- 20 KM from International Airport
- 18 KM from Shipping Port
- Located in one of the largest Industrial area of INDIA.

Thanks for your
Business Co-operation





We are an [IS.16949](#) certified SSI unit located in Chennai, India Merind Automotive Pvt Ltd, (previously called as Merind Industrial Corporation) established in the year 1992 as a dedicated CNC aided machining unit, our accent on High quality & Timely Delivery has won us many customers.

We would like to join hands with an organization of high reputation like yours to
"STEER THE WHEELS OF PROGRESS"

We are currently engaged in the manufacture & supply of Automotive Water & oil pumps & Aluminum Die cast & machined parts. Some of our esteemed customers are:

Domestic:

- ✚ M/s.UCAL
- ✚ M/s. MICO (BOSCH)
- ✚ M/s. MICO (Power Tool)
- ✚ M/s.Delco Remy
- ✚ M/s. Visteon (India)
- ✚ M/s. Ebm Nadi

Overseas:

- ✚ **M/s.Bertschinger-Germany**
- ✚ M/s.Ultra-Singapore
- ✚ M/s.Reliance-USA
- ✚ M/s.Sparepro Malaysia.

All the machining of castings /components is done only on sophisticated CNC machines & CMM machines, that helps to closely monitored for high levels of Quality up to 4 microns

(Merind Die Cast pvt.Ltd) is an ISO Certified company started in the year 2004 and one of its major customer is MICO – Energy body and MICO – Power Tool .

We have adequate spare capacity for machining & Aluminum Pressure Die casting

It our privilege to be registered as a Vendor to your esteemed organization .we guarantee you with high product quality, delivered on your time.

We are looking forward for your enquiry, and assure you we will meet your quality and schedule.

Thanking you,
Merind Group

C.G.Mercylin - +91-98410 45945 (merindmic@vsnl.com)/(merindmic@eth.net)
F.Eazu +91-98410 02900 (merindmdc@vsnl.net)