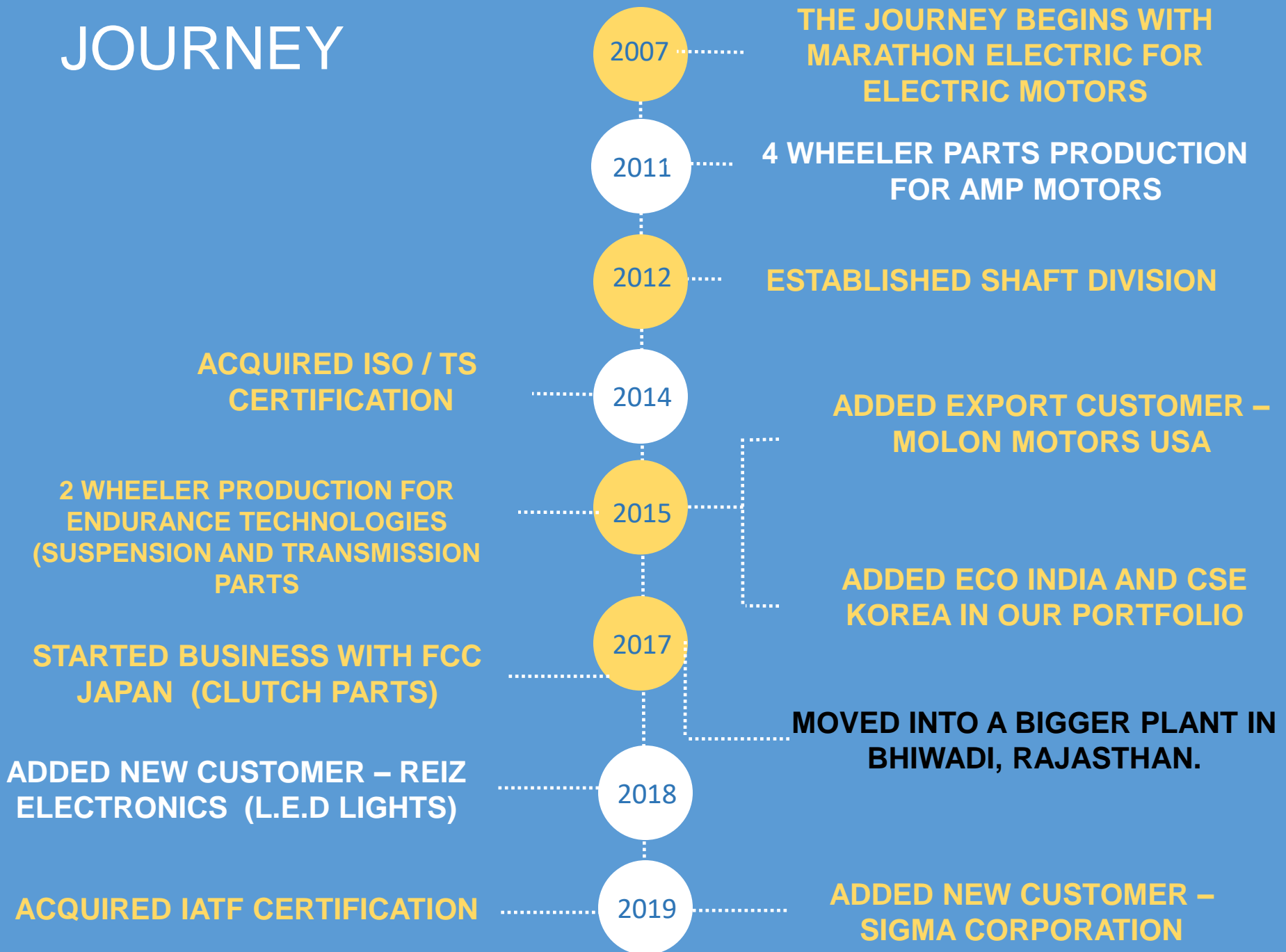


MICO INDIA

ENGINEERING SOLUTION PRECISION MANUFACTURING
AN **IATF 16949** COMPANY



JOURNEY





To be a recognised company in
Aluminum Die Casting, by
providing best engineering
solutions and creating a desired
value in the market.

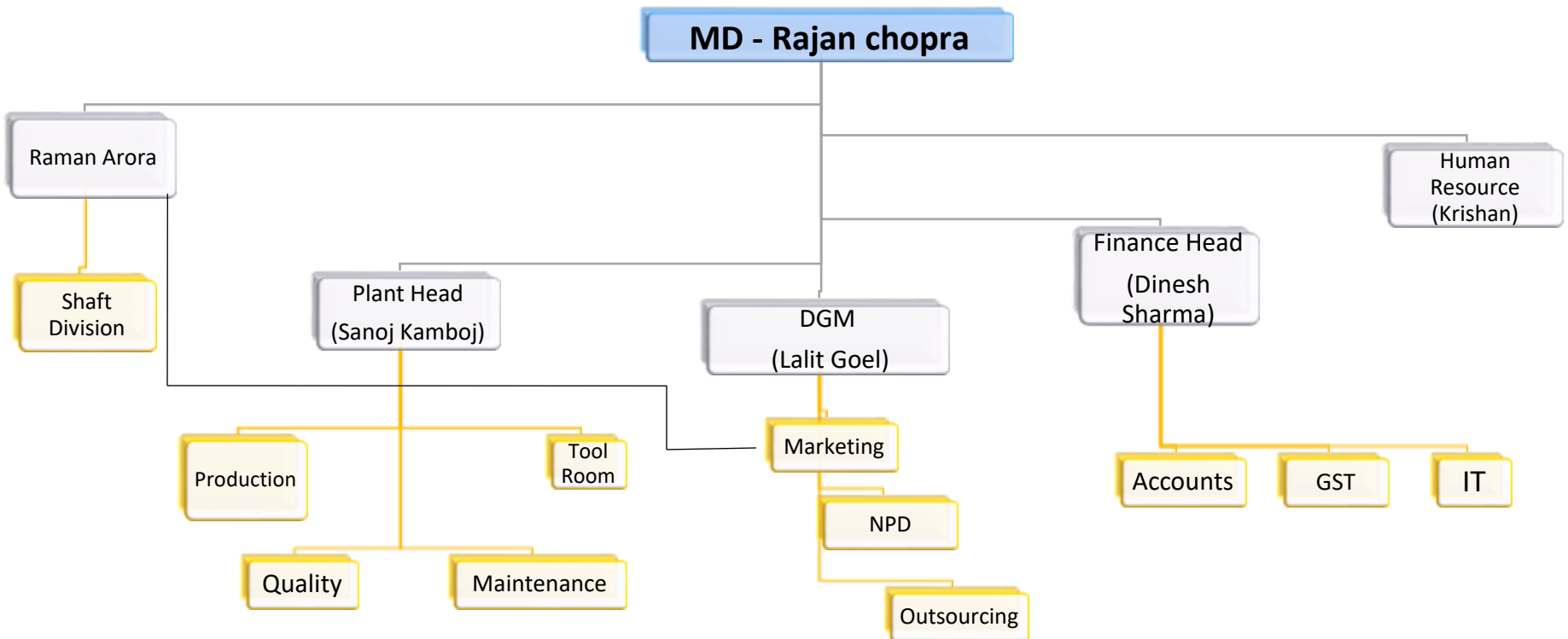
TO ACHIEVE AND MAINTAIN LEADERSHIP IN
OUR FIELD WITH FOCUS ON –

1. QUALITY
2. PRODUCT RELIABILITY
3. ENVIRONMENT AND
4. SAFETY

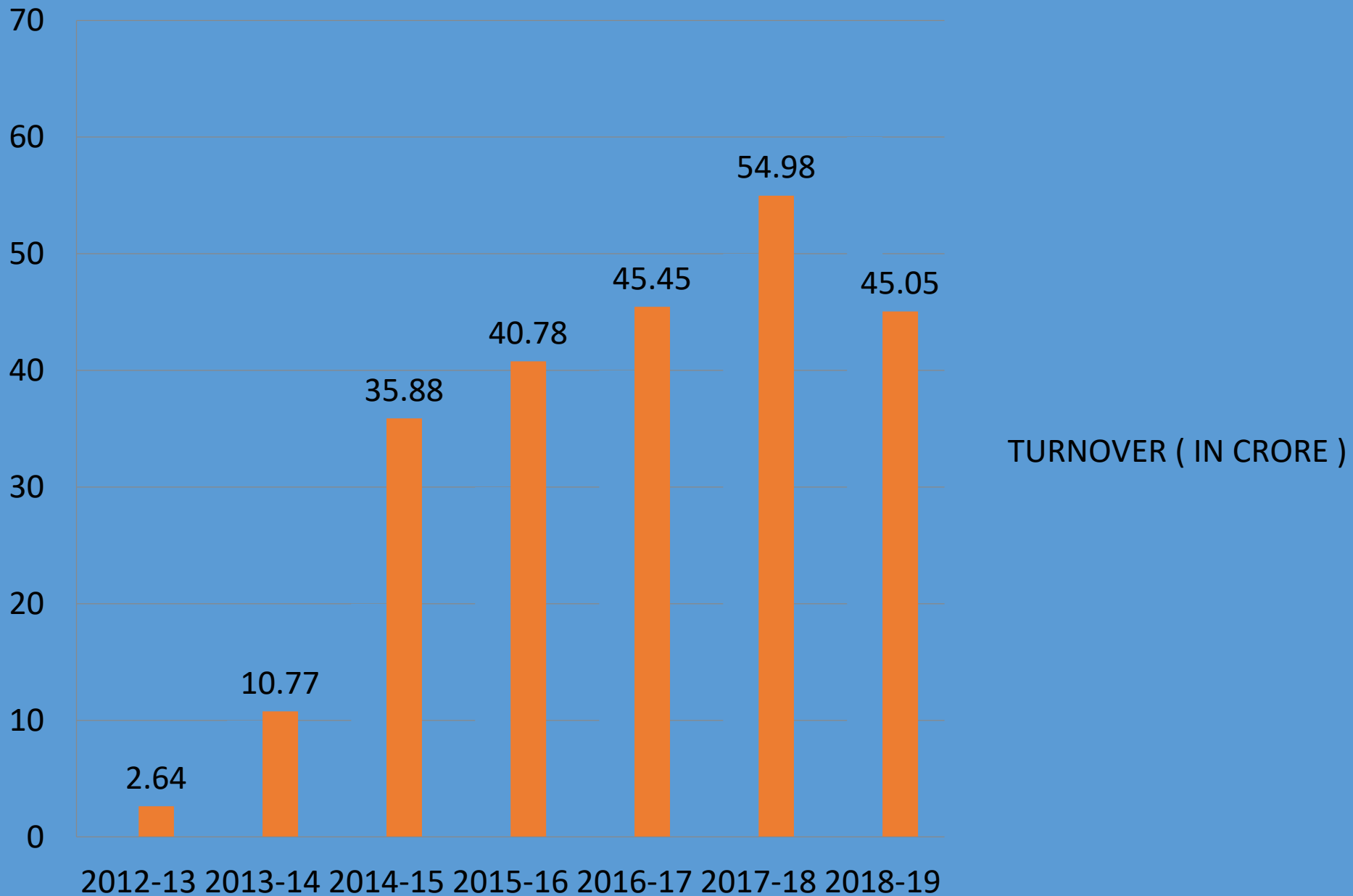
THROUGH A PARTICIPATIVE WORK CULTURE
OF TRANSPARENCY AND OWNERSHIP.



ORGANISATIONAL STRUCTURE



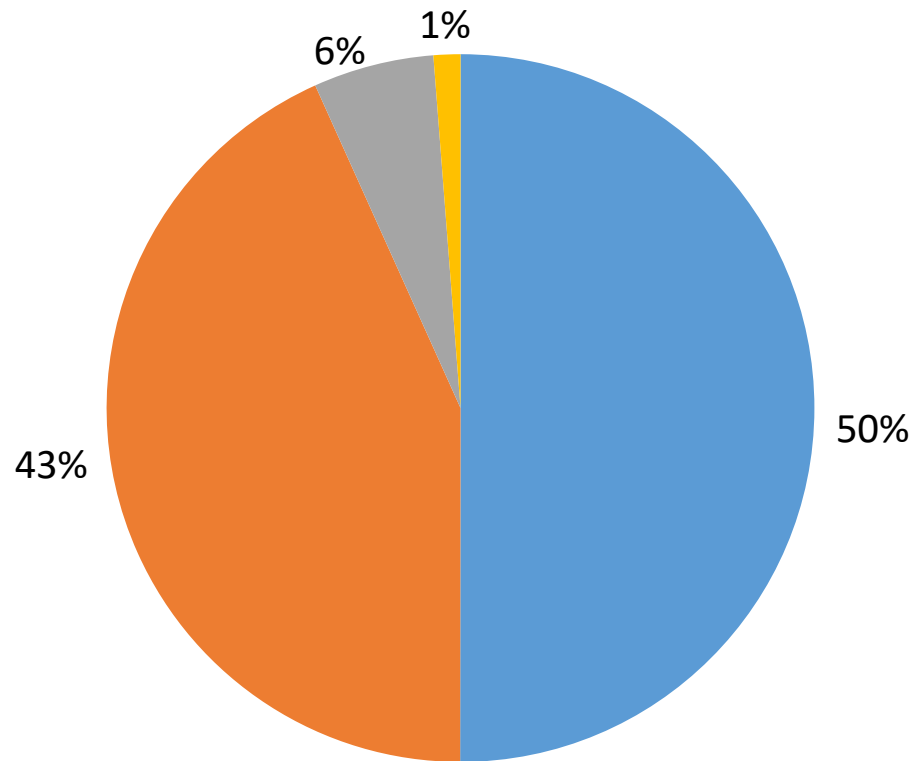
MICO INDIA TURNOVER



SHARE OF BUSINESS

SOB

■ ELECTRIC MOTORS ■ AUTOMOTIVE
■ HOME APPLIANCES ■ POWER TOOLS



INDUSTRIES CATERED

1. AUTOMOTIVE INDUSTRY

- 2 Wheelers
- 3 Wheelers
- 4 Wheelers

2. ELECTRIC MOTOR INDUSTRY

- FHP/IHP MOTOR PARTS

3. HOME APPLIANCES

- LED LIGHTS
- RO PUMPS

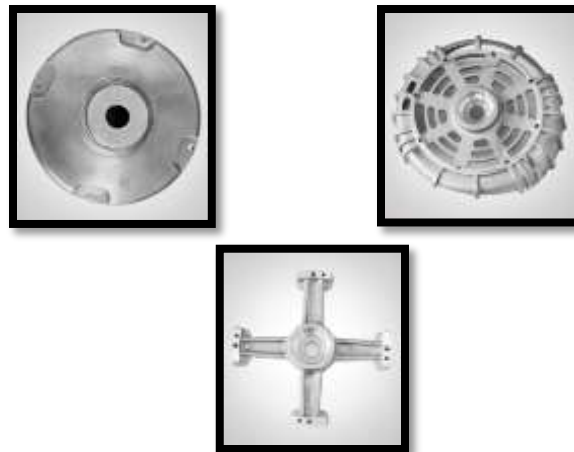
4. POWER TOOLS

Electric Motor Products

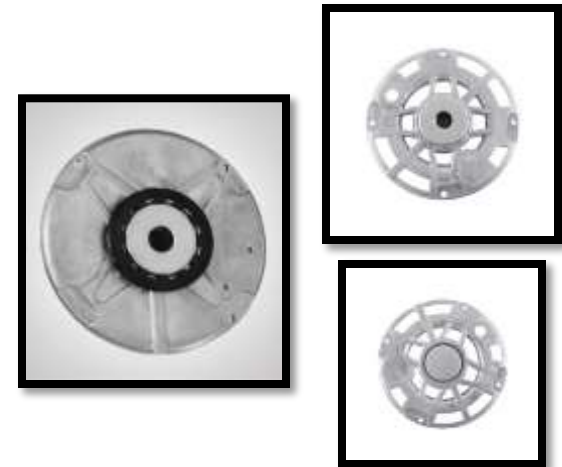
HOUSING, FLANGE,
FOOT



END SHIELDS/MID
SHIELDS



END SHIELDS
ASSEMBLED



CUSTOMER



REGAL BELOIT CORPORATION

marathon[®]

MARATHON ELECTRIC INDIA PVT. LTD.









OEM's

HITACHI
Inspire the Next

DAIKIN



Automotive Products (2 / 3 Wheelers)

CLUTCH	GRIPS AND HOUSING	TRANSMISSION	SUSPENSION	HOUSING
 	 	 	 	 

CUSTOMERS

 <p>F.C.C</p>	 <p>ENDURANCE TECH</p>
---	--

OEM's

 	  
--	--

Automotive Products (4 Wheeler)

TORQUE ROD, BRACKET, ALUMINIUM HOUSING, INNER



CUSTOMERS



A.M.P.

OEM's



Home Appliances & Other Products

POWER TOOLS COMPONENTS



HOME APPLIANCES PRODUCTS



WATER RO PUMPS



CUSTOMER



HORSE POWER TOOLS



REIZ ELECTRONICS



CSE

OEM's



KICHLER



PRODUCT GALLERY - SHAFT



Infrastructure at a Glance					
Engineering Software	NX9	AutoCAD			
HPDC Machine	120T (2 No)	180T (3 Nos)	250T (4 Nos)	350T (3 Nos)	400T (4 Nos)
Machine Shop	CNC Turning (15 Nos)	VMC (1 Nos)	BROACHING MACHINE	SPM'S	2 Assembly lines
Shafts	Traubs Bend Saw	Cylindrical and Centerless Grinder	Multi Head Milling, Drilling, Power Press	Super finishing, SPM'S	Surface Finishing- Zinc Phosphating
Tool room	VMC	EDM	Milling (3 Nos)	Surface Grinding (2 Nos)	Lathe (2 Nos)
Quality	Spectro Meter	Profile Projector	CMM (very soon)	Leak Test / Load Test	
Utility	Generator (3 Nos)	Compressor (3 Nos)	2 Central Melting Furnaces	2 Logistics Vehicles	ERP Software

PRODUCTION FACILITIES

PRIMARY OPERATIONS

- HIGH PRESSURE ALUMINIUM DIE CASTING
- SHAFTS MANUFACTURING
- MACHINE SHOP

SECONDARY OPERATIONS

- SHOT BLASTING
- ASSEMBLY LINE
- IN HOUSE TOOL MANUFACTURING AND MAINTAINENCE

DIE CASTING



**Cold Chamber Aluminium Pressure Die Casting Machines ranging
120 T – 400T**

HPDC MACHINES



- Electric Furnaces & Auto-Temperature Control facility (Thermo Couples)
- Equipped with Auto ladder, Auto extractor & Auto sprayer
- Centralized Melting System
- Die Casting Machines equipped with on-line fettling & trimming presses
- 5 ton EOT Crane for loading and unloading dies
- Surface finishing as per customer requirement



MACHINE SHOP

Total CNC Machines	15
Feature	Various types of casting can be machined by changing chuck

Total VMC Machines	2
Feature	High speed machining Multi Tool Holders

CNC MACHINES – GALAXY, JYOTI AND LMW
In-house machining for all casting and all types of machining





TOOL ROOM

Die making capabilities:

VMC | LATHE | MILLING | EDM
CYLINDRICAL GRINDER

- In-house capacity – 60 Dies per year
- NX9 Del Cam Software used for Tool / Dies.
- Magma Analysis
- LMW CNC, Milling & HAAS (USA)
- EDM
- Other Conventional Machines





STANDARD ROOM

INSTRUMENTS

SPECTROMETER (GERMANY)

PROFILE PROJECTOR

INCUBATOR

ROUGHNESS TEST

HARDNESS TEST

LOAD TEST

LEAK TEST

ALL TYPES OF GAUGES

QUALITY ANALYSIS SYSTEM

SPC STUDIES

MSA STUDIES

PPAP | APQP | CONTROL PLAN

7QC TOOLS | KAIZENS

PARETO ANALYSIS | GLOBAL 8D

5S SCORE | 5 WHY ANALYSIS

SHAFT DIVISION



TRAUB CUTTING



- ❖ Capacity :- Parting Can be done upto 25 mm Diameter Rod
- ❖ No. of Machines :- 7 Nos
- ❖ Machine Feature :-
 1. Multi operations Machines

CYLINDRICAL GRINDING



- ❖ Capacity :- Upto 1 mtr long shaft
- ❖ No. of Machines :- 1 Nos(Germany)
- ❖ Accuracy :- 4 Micron
- ❖ Machine Feature :-
 1. Consistent Repeatability
 2. High Quality surface finish

CENTERLESS GRINDER



- ❖ Capacity :- \varnothing 6 mm – 40 mm
- ❖ No. of Machines :- 8 Nos
- ❖ Accuracy :- Grinding Dia within 5 Micron
- ❖ Machine Feature :-
 1. Equipped with autoloader
 2. Through Feed Machines

MULTI COMPONENT MILLING



- ❖ Capacity :- Travel Length 600X400
- ❖ No. of Machines :- 3 Nos
- ❖ Accuracy :- Consistent Repeatability
- ❖ Machine Feature :-
 1. Auto Feeding Attachment
 2. RPM as per job requirement

SUPER FINISHING MACHINE



THREAD ROLLER MACHINE



POWER PRESS MACHINE



CUSTOMERS

DOMESTIC CUSTOMERS

The Marathon logo, featuring the word "marathon" in a bold, lowercase, sans-serif font, followed by a registered trademark symbol (®). The logo is white with a black outline.

AWARDS AND RECOGNITION



SIGMA – ACHIEVEMENT AWARD FOR BEST SUPPLIER RATING 2019



MOXOP ENGG – BEST QUALITY 2012-13



ANAND MOTORS PRODUCTS – OUTSTANDING PERFORMANCE (QUALITY AND DELIVERY) – 2013-14

WHY US

QUALITY,
PRECISION,
EFFECTIVENESS &
EFFICIENCY

REDUCED WASTAGE
IN VALUE CHAIN

LEAN
MANUFACTURING
SYSTEM

PROCESS
EXACTNESS

DIE MAKING
DEVELOPMENT TIME

25-35 DAYS

ONE-STOP SHOP
FOR ALL DIE
CASTING
REQUIREMENTS

CONCURRENT
ENGINEERING WITH
CUSTOMERS

HIGH PRECISION
MACHINERY

24X7 AFTER-SALES
SERVICE

BUILDING LONG
TERM
RELATIONSHIPS

Thank You



MR. RAJAN CHOPRA (MANAGING DIRECTOR)

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