

Outline of the Company and Plant

1-1 COMPANY

1-1.1 Company Profile:



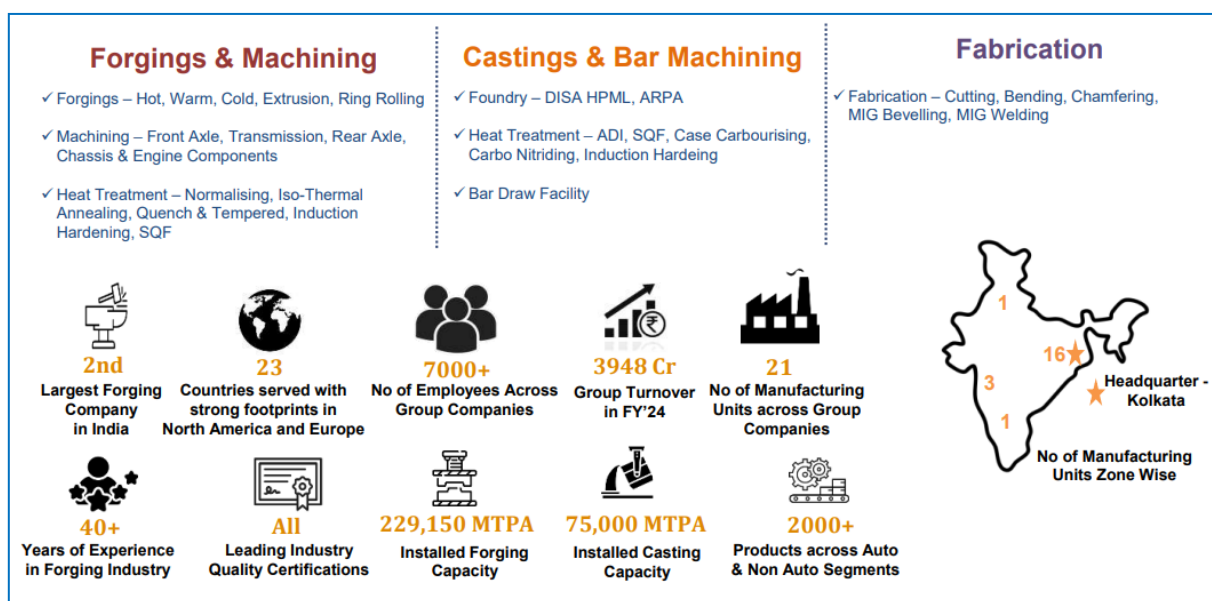
Ramkrishna Forgings Limited, headquartered in Kolkata, India is today recognized as the 2nd biggest integrated forging company in India. It is a manufacturer of closed die forgings of carbon and alloy steel, micro-alloy & stainless steel along with fabricated medium and heavy structures.

Its State-of-the-Art Manufacturing facilities are manned by highly skilled and qualified manpower which ensures World Class quality systems in its processes. Components produced at RKFL find their application in various end-use Industries like Automotive, Farm Equipment, Earth Moving, Mining, Construction, Energy, Railways and General Engineering, both in India and in the overseas market.

Customer centricity is at the heart of all that we do at RKFL. To serve our global marquee customers, we operate through several representative offices and distribution centers spread across Europe & Americas. In India, the operations are managed through the

offices in Kolkata, Pune and Delhi.

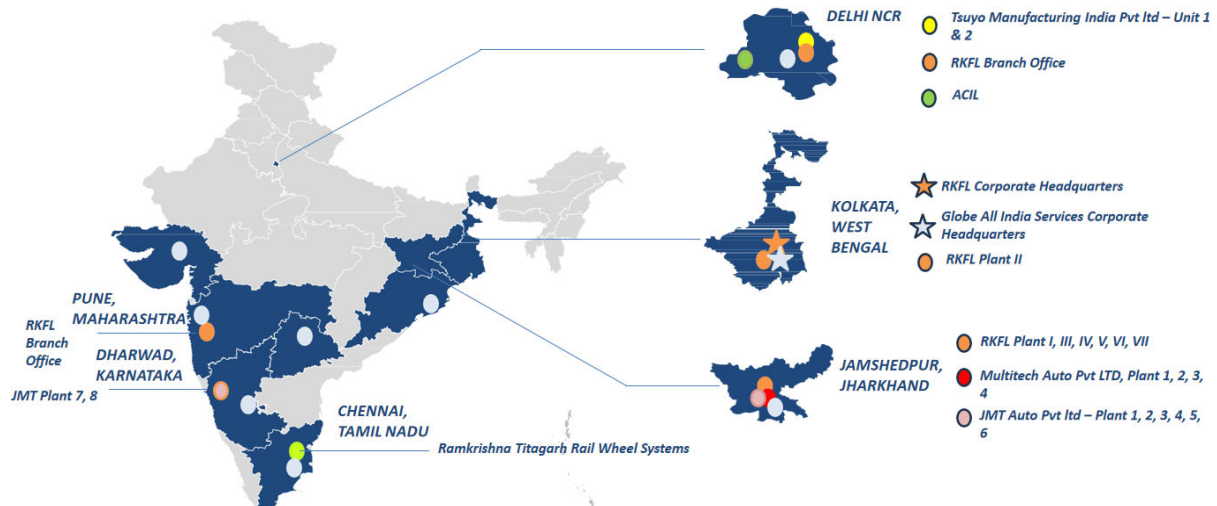
1-1.2 Business Verticals:



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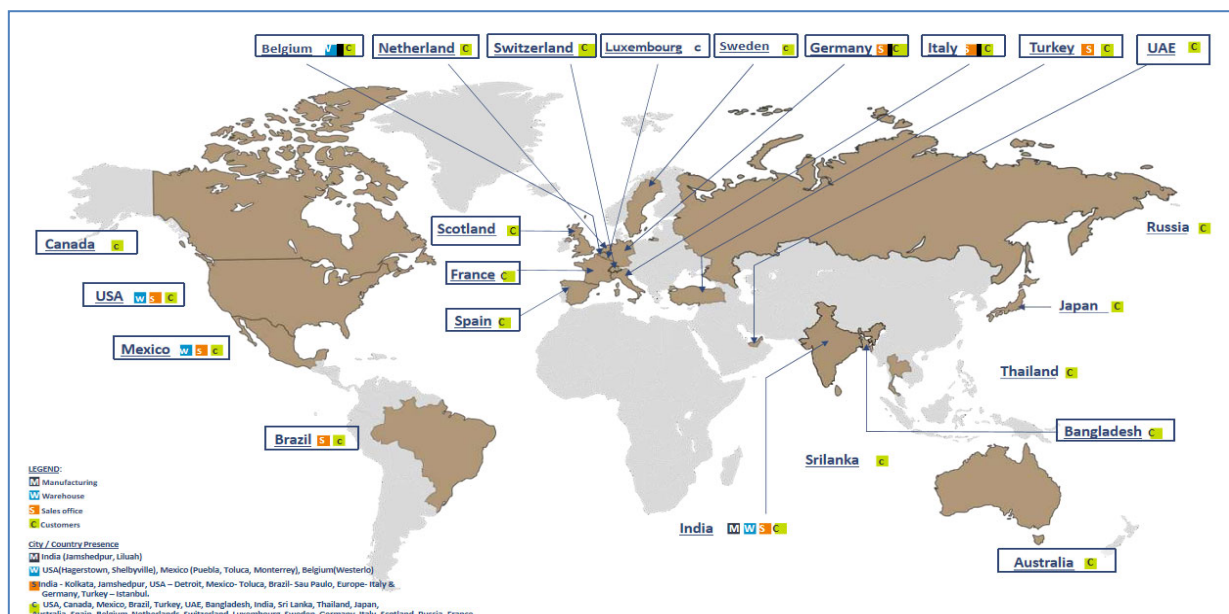
1-1.3 National Presence:

RKFL group is having total 20 manufacturing facilities in India, out of which 16 manufacturing plants are in Jamshedpur(RKFL-6 Plants, MAPL-2 Plants, MMPL-2 Plants & RKCSL- 6 plants) , 1 plants is in Howrah west Bengal and 1 plant in Manesar(NCR)(ACIL), 1 plant in Chennai, 1 plants in Pune.



Globe All India Services has branch offices in Ahmedabad, Delhi, Bhubaneshwar, Jamshedpur, Chennai, Kolkata, Mumbai, Hyderabad & Bengaluru

1-1.4 Global Presence:

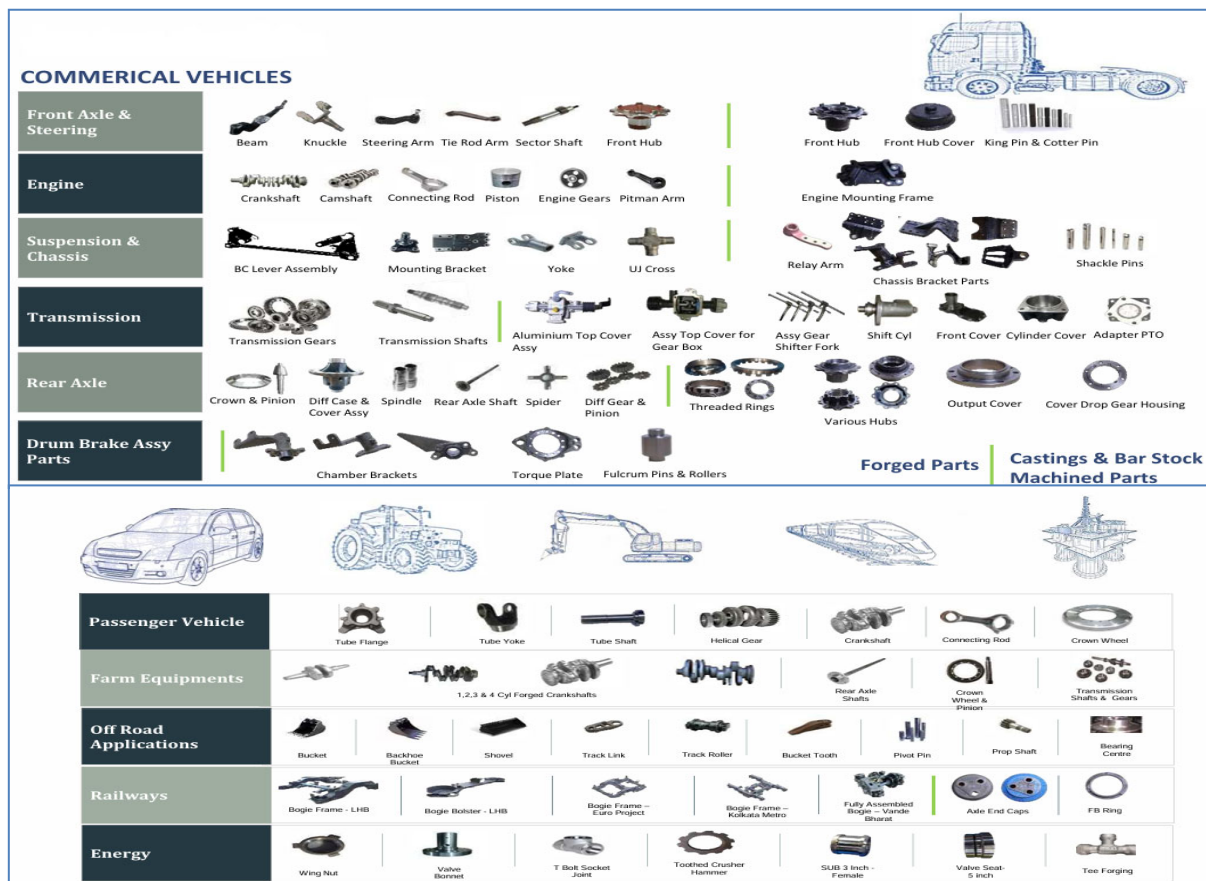


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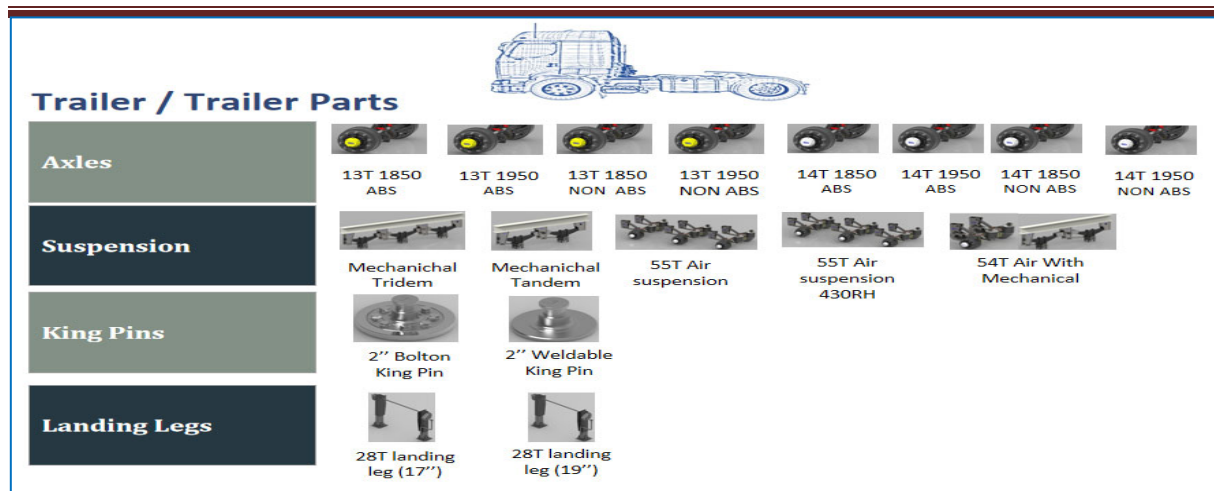
1-1.5 Clientele:



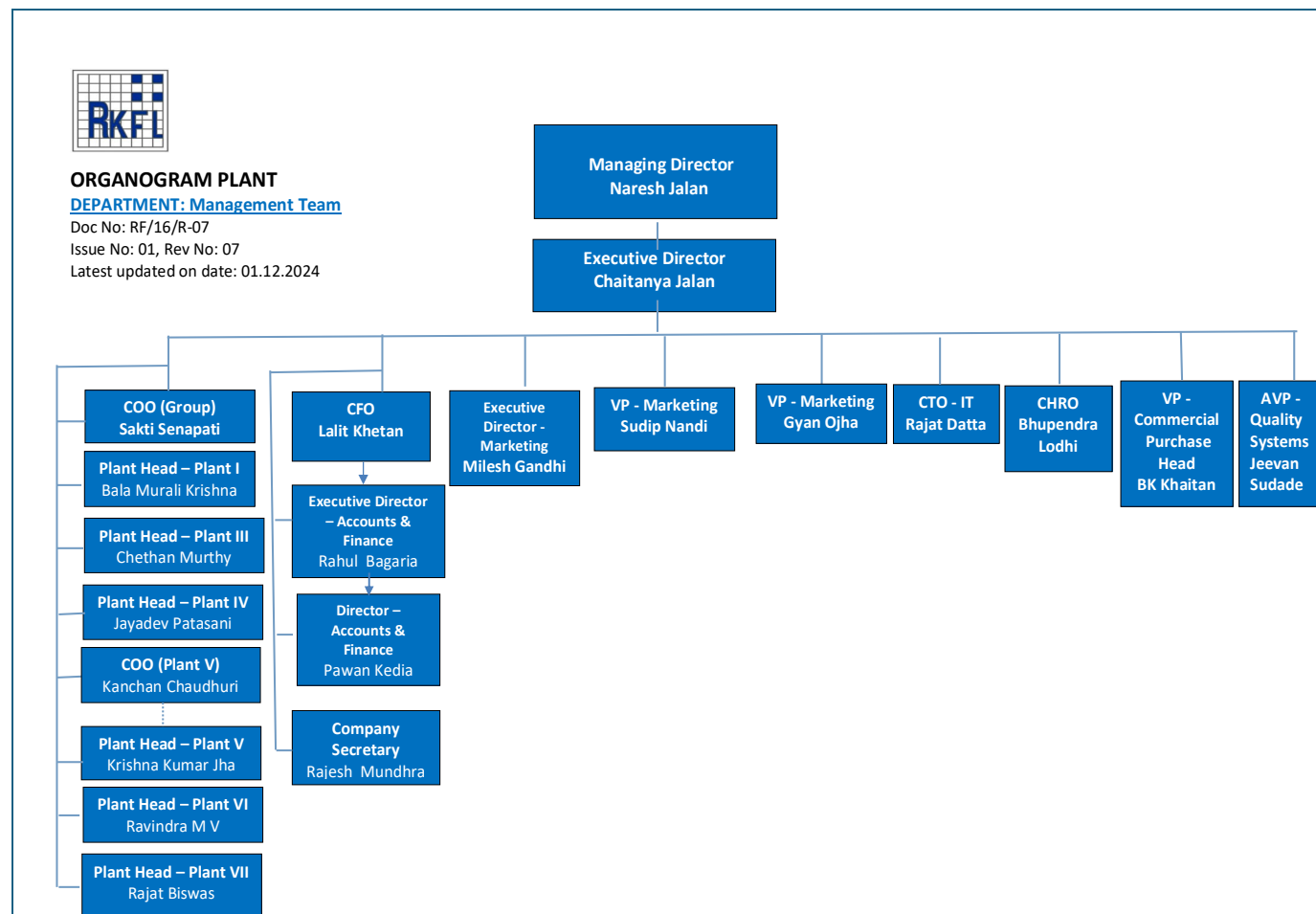
1-1.6 Product Portfolio:



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1.1.7 Organogram Top management team



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1-2 PLANT – RKFL PLANT-5

1-2.1 Outline of Plant:

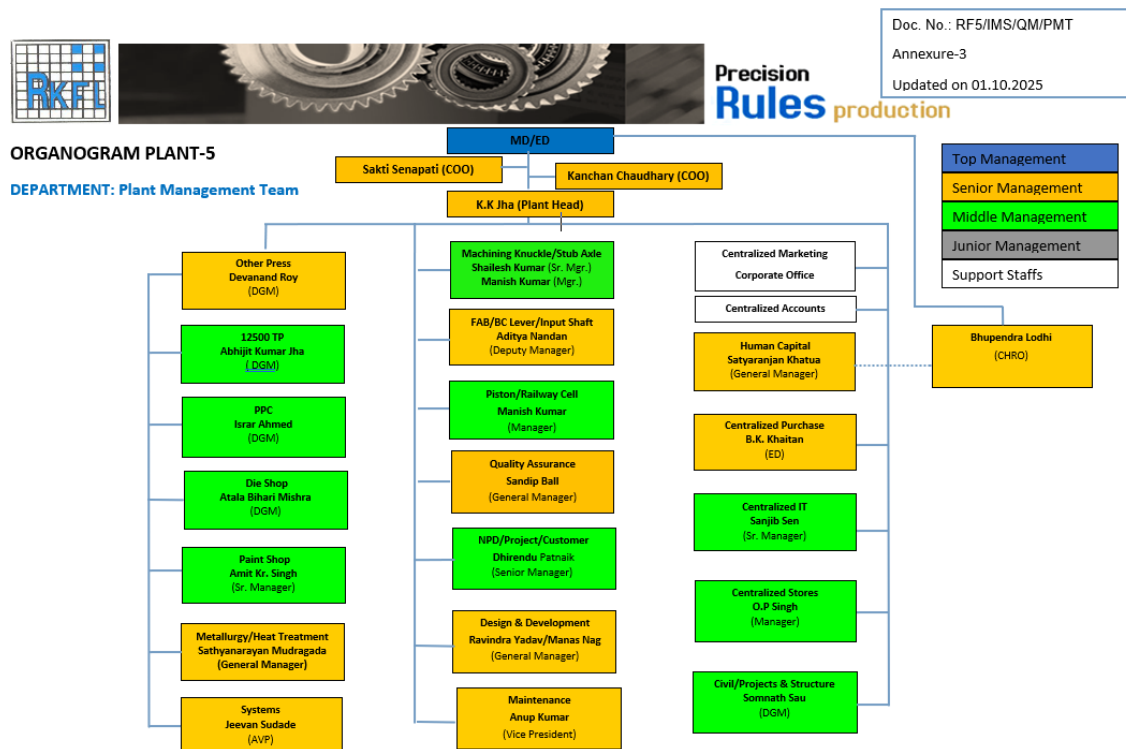


- **Plant Name:** RKFL PLANT-5
- **Location:** Plant 5, Village- Baliguma, PO- Kolabira,District- Saraikela Kharsawan, Jamshedpur-833220, Jharkhand
- **Plant Production Started:** 2013 (November)
- **Total No of Employees :** 1632 Nos.
- **Plot Area :** 100000 sqft

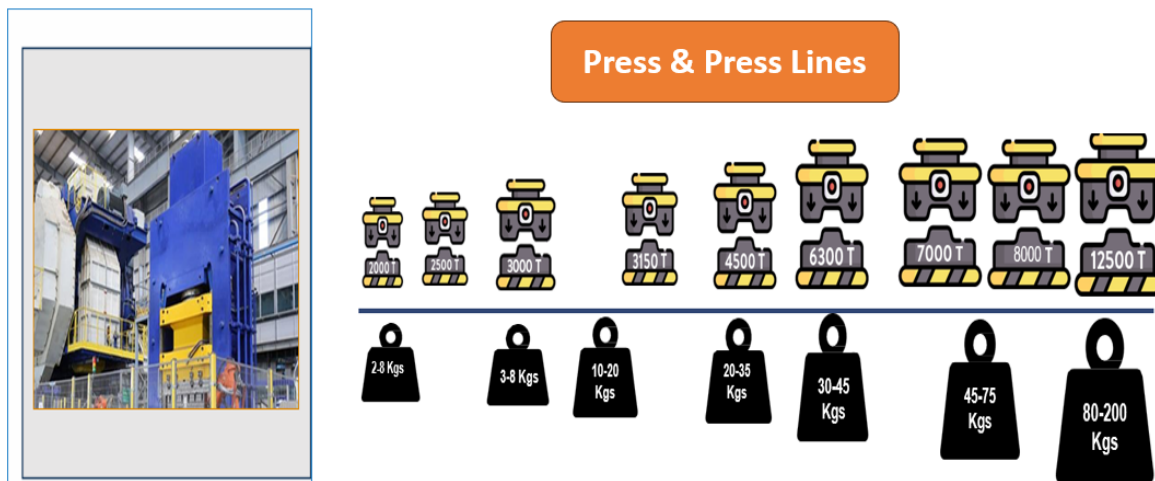
Major Customer: TML, DAF, VECV, Scania, Daimler, Ford, Tenneco, Federal, Mogul, DANA, Axle India, Ashok Leyland,

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1-2.2 Organization structure

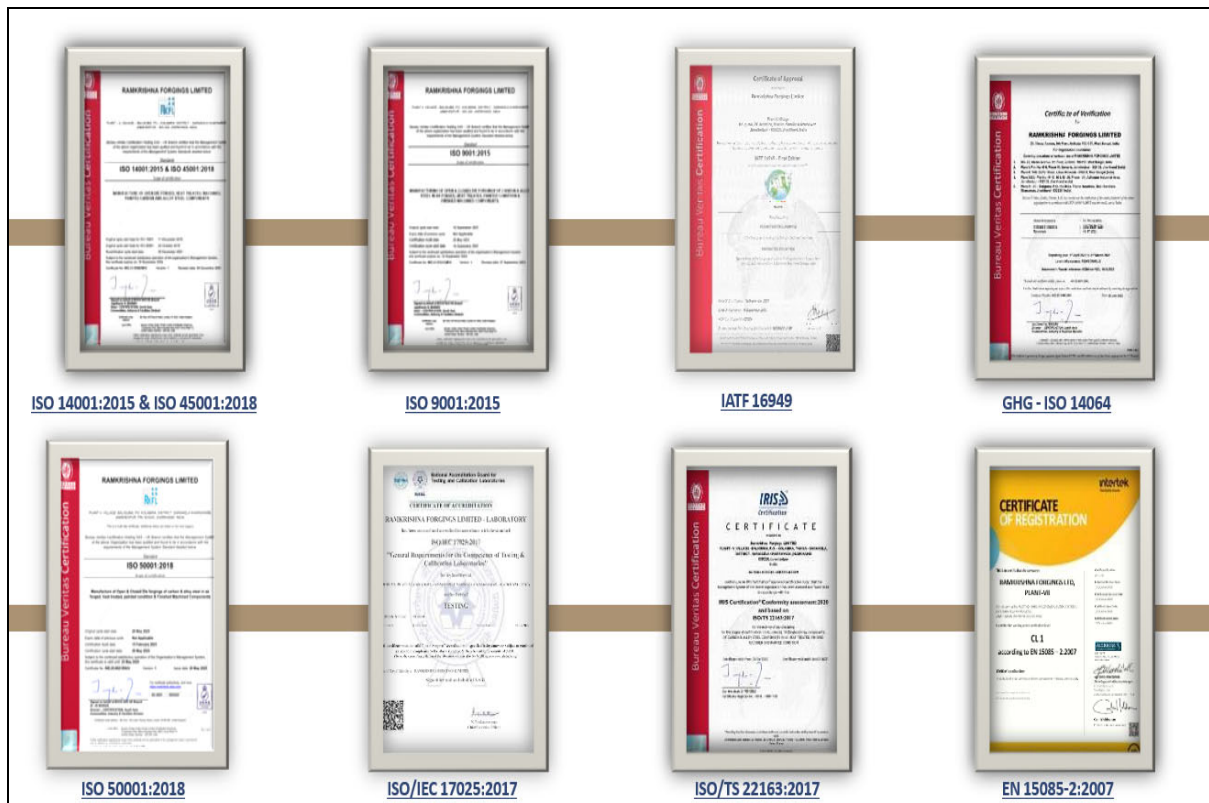


1-2.3 Production Facility



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1.2.4 AWARDS & ACKNOWLEDGEMENT-Plant 5



1.2.5 TPM Kick off

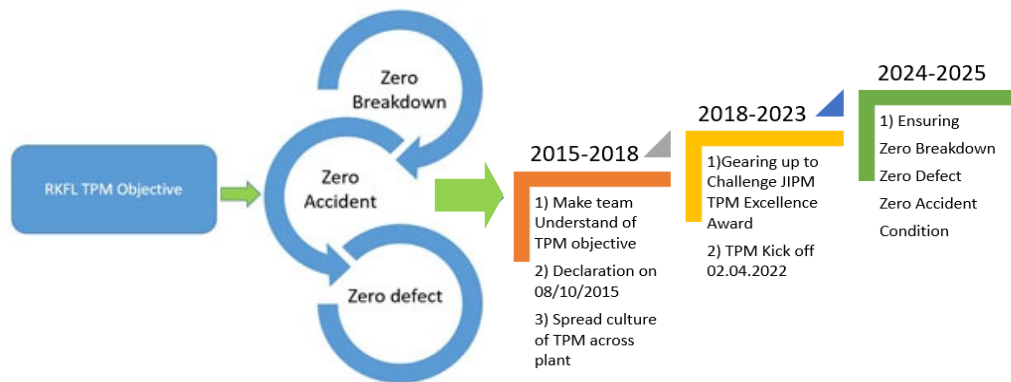


TPM Activities were Kicked off(Declaration) on 08/10/20215 with our Chairman lightening up lamp and ribbon cutting ceremony Declaration & Oath to make RKFL market leader among all forging companies

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1.2.6 TPM Objectives

We started our TPM journey in 2015 with the objective to train our people about TPM concept to achieve Zero Breakdown, Zero Defect and Zero Accident. In 2022, official kick off TPM



1.2.7 TPM Policy & Other Policies:

This is our TPM, Quality & EHS Policy


| | | |
|---|--|---|
|  TPM POLICY We, in our pursuit towards customer delight are committed to maximize overall plant effectiveness and creating work environment conducive for excellence. It is the policy of RKFL to establish TPM culture through involvement, training and empowerment of all employees for manufacturing products by continual improvement in systems and processes with zero losses. With this we will ensure defect-free on time supplies to our customers. Date: 29.06.2015  M P Jalan (Chairman) |  QUALITY POLICY Ramkrishna Forgings Ltd. is committed to achieve maximum customer satisfaction in its business of manufacture of as forged, fully machined, fabricated, and assembled components. We assure our commitment by: i. Providing consistent product quality ii. On-time delivery iii. Reduction in wasteful practices iv. Continual improvement v. Compliance with all requirements of systems and processes. We shall achieve this by developing a capable team of competent employees and providing necessary resources, infrastructural facilities, and congenial work environment. Jamshedpur 01/02/2021  M P Jalan (Chairman) |  RAMKRISHNA FORGINGS LTD. ENVIRONMENT HEALTH & SAFETY POLICY Ramkrishna Forgings Limited is committed to protect the environment and health & safety of its employees, contractors, customers, public and other stakeholders by conducting business in a safe and environmentally sustainable manner. Ramkrishna Forgings Limited will comply with all applicable legal requirements, establish, and implement internal company rules, and management systems to assure Environment, Health, and Safety (EHS) compliance & continuous performance improvement. The Company will conduct periodic evaluations to monitor EHS compliance and performance at all its businesses worldwide. Ramkrishna Forgings Limited will integrate principles of resource conservation, pollution prevention, hazard elimination & reduction of risks, EHS stewardship into its business processes, facilities, operations and products. The Company will work to foster responsible practices among its suppliers, contractors, and customers. The Company will cooperate with government, industry, academia, and the public in support of regulations, research and programs that address areas of EHS concern. Ramkrishna Forgings Limited will conduct open communications and dialogue on workplace health, safety and environmental sustainability issues with its employees and stakeholders and will respond to EHS concerns and suggestions. The Company will establish proactive EHS objectives & target and will report publicly on progress and impacts. Activities governed by this Corporate Policy will be conducted in accordance with applicable governmental regulations, related Corporate Directives and Standard Operating Procedures. Jamshedpur 22/02/2021  M P Jalan (Chairman) |
|---|--|---|

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1.2.8 KPI TARGETS OF PLANT LEVEL:

As we started implementing companywide TPM with 08 pillar activities, so the Targets were taken in terms of PQCDSM.

This company's wide target is shown below:

|  | | | RAMKRISHNA FORGINGS LIMITED | | | | | | |
|---|-------------|---|-----------------------------|----------------------|--|--|--|--|--|
| | | | Plant - 5, JAMSHEDPUR | | | | | | |
| | | | Plant KPI (FY 2025-26) | | | | | | |
| S. No | Result Area | KPI | UOM | BM FY 2021-22 (Avg.) | FY 2022-23 Plan (Avg.) | FY 2023-24 Plan (Avg.) | FY 2024-25 Plan (Avg.) | FY 2025-26 Plan (Avg.) | FY 2026-27 Plan (Avg.) |
| 1 | P | Overall Equipment Effectiveness | % | 66 | 70 | 78 | 80 | 83 | 85 |
| | | a) Forging (OEE) | | 66.2 | 70 | 75 | 75 | 80 | 83 |
| | | b) Machining (OEE) | | 65.6 | 70 | 80 | 85 | 85 | 87 |
| 2 | P | Machine Breakdown | Occurrence In Nos. / month | 453 | 237 | 135 | 80 | 40 | 20 |
| 3 | Q | Overall inhouse Rejection | % | 1.8 | 1.5 | 1.3 | 1.1 | 0.9 | 0.8 |
| | | a) In-house rejection - Forging | | 2.4 | 1.9 | 1.7 | 1.4 | 1.2 | 1.0 |
| | | b) In-house rejection - Machining | | 1.2 | 1.0 | 0.8 | 0.7 | 0.6 | 0.6 |
| | | Customer end line rejection – As forged parts | PPM | | 0 | 0 | 0 | 0 | 0 |
| | | Customer end line rejection - Machined parts | PPM | | 0 | 0 | | 0 | 0 |
| 4 | Q | Customer Complaint (Forging & Machining) | Nos. | 94 | 66 | 56 | 47 | 24 | 0 |
| 5 | D | Indent to order Lead Time | Days | 8 | 7.5 | 7.0 | 6.5 | 6 | 5 |
| 6 | D | Customer Product delivery performance | % | 98 | 90 | 90 | 90 | 100 | 100 |
| 7 | M | Training Plan Compliance | % | 90 | >90 | >90 | >90 | >95 | 100% |
| 8 | M | Training Man Hour / Employee | Hrs / Man/ Year | NA | (I) 4 (for Management staff) (II) 3 (Contractual) | (I) 6 (for Management staff) (II) 5 (Contractual) | (I) 7 (for Management staff) (II) 6 (Contractual) | (I) 7.5 (for Management staff) (II) 6 (Contractual) | (I) 7.5 (for Management staff) (II) 6 (Contractual) |
| | | | | NA | | | | | |
| 9 | Q | Customer Satisfaction | % | 70 | >70 | >80 | >80 | >90 | >90 |
| 10 | C | Manufacturing Cost | % of Sales | 17 | 15 | 15 | 16 | 15 | 15 |
| 11 | D | OTIF (Plant Delivery Adherence) | % | 87 | 90 | 92 | 95 | 95 | >95 |
| 12 | E | CSR Participations | Nos. | 3 | 4 | 4 | 8 | 8 | 8 |
| 13 | S | Zero Down Time Accident | Nos. | 0 | 0 | 0 | 0 | 0 | 0 |
| 14 | M | Kaizen | Nos. | 13 | 200 | 300 | 600 | 1000 | 1100 |
| 15 | P | New Product Developed | Nos. | 63 | As Per Requirement | As Per Requirement | As Per Requirement | As Per Requirement | As Per Requirement |
| | | a) Forging | Nos. | 52 | As Per Requirement | As Per Requirement | As Per Requirement | As Per Requirement | As Per Requirement |
| | | b) Machining | Nos. | 11 | As Per Requirement | As Per Requirement | As Per Requirement | As Per Requirement | As Per Requirement |
| 16 | Q | NPD Customer Complaint | Nos. | 2 | 0 | 0 | 0 | 0 | 0 |
| 17 | P | Digital Transformation - Projects | Nos. | - | - | - | 15 | 15 | 15 |

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1.2.9 TPM MASTER PLAN

This is our TPM Implementation master plan

| RAMKRISHNA FORGINGS LIMITED | | | | MASTER PLAN | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|----------------------|--|--|---|-------------|----|----|----|---------|----|----|----|-----------|----|----|----|---------|----|----|----|---------|----|----|----|---------|----|----|----|----|--|--|
| Stage | Sl. No. | Activity | Essential Activity | Year | 2021-2022 | | | | 2022-23 | | | | 2023-24 | | | | 2024-25 | | | | 2025-26 | | | | 2026-27 | | | | | | |
| | | | | | Quarter | Q1 | Q2 | Q3 | Q4 | Q1 | Q2 | Q3 | Q4 | Q1 | Q2 | Q3 | Q4 | Q1 | Q2 | Q3 | Q4 | Q1 | Q2 | Q3 | Q4 | Q1 | Q2 | Q3 | Q4 | | |
| Preparation of Introduction | 1 | Dedation by Top Management to introduce TPM - 08.10.2015 | Declared TPM in-house seminar carried in company | Plan Actual | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 2 | Introductory education and campaign for TPM | 2.1 Manager Trained in seminar camp at each level | Plan Actual | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 3 | Establishing TPM promotion organization and pilot organization Model | 2.2 General employee - Seminar Meeting using Slides | Plan Actual | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 4 | Setting basic Principle and Target for TPM | Committee, Sub- Committees and TPM secretary and manager model machines | Plan Actual | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 5 | Creating of master plan for Establishing TPM | Benchmark and target prediction of effect | Plan Actual | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Beginning of Introduction | 6 | Kick Off of TPM- 02.04.2022 | Plan for Preparation of Introduction to examination | Plan Actual | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Invite Customer and Affiliated Company | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Actual introduction or implementation phase | 7 | Establishing systems for improving Production efficiency | Pursuing maximum efficiency of Production | Marger Model Machine (MMM) | Plan Actual | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 7.1 | Focused Improvement (Kobetsu Kaizen) | Project team activities and small group activities in the workshop | Plan Actual | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 7.2 | Autonomous Maintenance (Jishu Hozon) | Steps System, MMM, diagnosis | Plan Actual | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 7.3 | Planned Maintenance | Improvement Maintenance, Periodic Maintenance, Predictive Maintenance | Plan Actual | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 7.4 | Education and training | Group education of leaders and training members | Plan Actual | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 8 | Development Management | Development of easy to manufacture products and easy to operated equipment | Plan Actual | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 9 | Quality maintenance | Setting condition without defectives and its Maintenance and control | Plan Actual | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 10 | Office TPM | Support for production, increasing efficiency in the department and of equipment | Plan Actual | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 11 | Safety, Health and Environment | Establishing zero accident | Plan Actual | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Steadily Application | 12 | Total Application of TPM and raising its level | Pre-assessment By JIPM Feb- 2025 First Stage Audit By JIPM June- 2025 Second Stage Audit by JIPM Jan-2026 | Plan Actual | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Legends | | | | | Plan | | | | Actual | | | | Postponed | | | | | | | | | | | | | | | | | | |

1.2.10 TPM PROMOTION ORGANIZATION AND ACTIVITY:

During our Journey We have achieved a lot off Awards at State and National Level

Winner in the WOW(Women of Wonder) category & winner in the Cost Category
ACMA 5th ER Quality Circle Competition

Wins 1st Runner up Award in
ACMA (ER) 4th Regional Competition
on Poka Yoke

Gold Award in QCFI Mumbai Chapter

Winner in the Gender Diversity Team in
ACMA 20th National QC Competition
2025