

SOLUTIONS FOR DEMANDING APPLICATIONS

TURNED COMPONENTS



CASTINGS

Die-Casting
Forging + Machined components
CNC Turned Parts



PRECISION MACHINING



OFFERINGS

Precision Machined Components
CNC / VMC Machined Parts
Assemblies (Pre & SubAssemblies)

INDUSTRIES

Electronics • Hydraulics • Food Equipment Group (FEGs) • Dishwashing • Automation • Weighing • Commercial • Hardware
• Defense • Aerospace • Light Assemblies • Instrumentation • Oil & Gas

MANUFACTURING SETUP

MACHINING PROCESS

- CNC Turning centre
- VMC 3 Axis & 4 Axis
- VMC with 5 Axis Continues
- Multi-spindle CNC
- CNC cylindrical grinding
- Turn-O-Mill centre
- Involute Splined Broaching
- 3D Printing



SECONDARY PROCESSES

- Surface Treatment
- Electro Plating - Zinc / Nickel / Chrome / Silver
- Coating - Powder / Geomet
- Super Finishing - Lapping
- Polishing, Burnishing, Honing.
- Vibratory Deburring.
- Anodizing
- Welding and Brazing

HEAT TREATMENT

- Vacuum - Hardening / Annealing / Ageing
- Subzero Treatment
- Low Pressure Carburizing
- Gas Carburizing
- Carbo-Nitriding
- Nitriding Gas / Plasma Ion



OUR OFFERINGS

A commitment to craftsmanship, quality, and meeting the most demanding industrial requirements.

MACHINED COMPONENTS



SPECIALISTS IN PROCESSING OF:

Steel, Stainless Steel 1.4301, 1.4305, 1.4404, Special Grades of Stainless Steel - 17/4 PH 1.4542, 1.4545, Brass, Aluminium, Copper, Beryllium copper, Zinc, Cast Iron, Gun Metal, Phosphor Bronze, Nickel, Inconel.

CAPABILITIES:

Component Size : 3mm to 400mm dia and upto 1000mm Length.

Tolerance : Upto 5 μ m

Surface Finish: Upto Ra 0.3 / Rz 2 on diameter & bore.

CASTING

State of the Art Manufacturing Facility : Best in Class Foundry Certified by JIPM



PRESSURE DIE CASTING

- Capacity 80 Ton to 800 Tons
- Material Aluminium & Zinc Alloy
- Casting Weight 0.05 - 6.0 Kg
- Automated Pouring
- Mould Design & Mould Flow Analysis

SAND CASTING

- Continuous mixture (1 Ton/hr)
- Vibratory compactor
- 6 Station carousel unit
- Automated mould movement
- Automated roll over
- Vibratory attrition unit and Mechanical sand reclamation



GRAVITY DIE CASTING

- Thyristorised electrical resistance furnaces
- Hydraulic work stations
- Tilt gravity machine
- Rotary Nitrogen De-Gasser
- Weight range from 0.2 kg to 36 kg

CASTING

COPPER AND ALLOY CASTING

- Induction furnace
- Core shooter for hollow / solid shell
- Tumble shot blasting machine
- Machining Setup



QUALITY

Raychem RPG has build necessary resources in terms of people and equipment and all above, an organization, which guarantees efficient use of these resources.

Various machines for measurement and testing are available to ensure conformance to International Standards and consistency in Quality.

APQP, PFMEA and **PPAP** approach in establishing production and quality process.

MSA & Process Capability study Contentious Process Improvement.

PRECISION CONTROL EQUIPMENTS

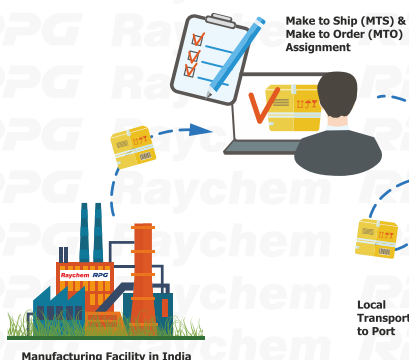
- 3D Vision Measurement System
- Coordinate Measurement Machine
- 24 Element Spectrometer
- Optical Micro Scope Analyser
- Surface roughness tester
- Coating thickness tester
- Tensile testing machine
- Salt Spray Testing Machine



EFFICIENT SUPPLY CHAIN MANAGEMENT :

Goods Delivered at customer required location by Air/Sea on EXW / FOB / CIF / DAP basis, through Raychem's best Logistics connectivity worldwide by partnering with various Logistics freight forwarders.

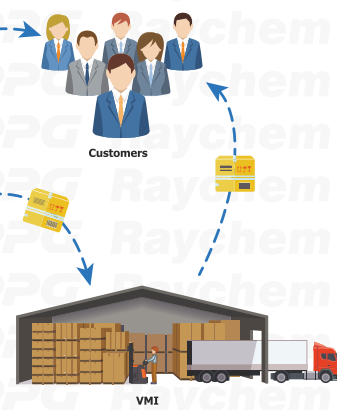
CONSIGNMENT STOCKING



KANBAN



VMI



ENVIRONMENT

Together with productivity, quality and efficiency, our environmental policy is a vital element of our company's Mission. Tough measures have therefore been taken in order to prevent or reduce any negative effects on the environment and to limit the use of non-renewable resources. We follow strict controls on atmospheric and noise pollution, energy consumption and waste management.

INTEGRATED MANAGEMENT SYSTEMS

ISMS 27001:2013
Since 2017

OHSAS 18001:2007
Since 2011, Renewed in 2014

ISO 9001:2015 (QMS)
Since 1995, Renewed in 2017

ISO 14001:2015 (EMS)
Since 2002, Renewed in 2017



Design Partnership

Integrated SCM

Application Engineering

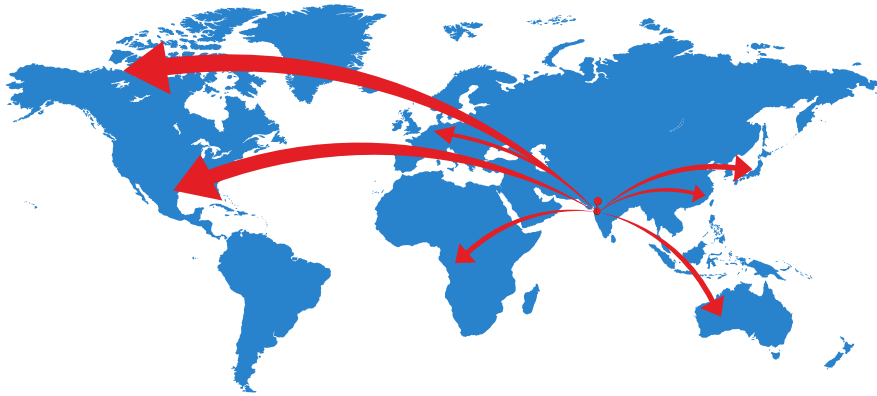
Component To
Assembly solutions

ONE STOP SOLUTIONS
Raychem RPG

Value Addition /
Value Engineering

Reverse Engineering /
Rapid Prototyping (RPT)

OUR COMPANY



Raychem RPG (P) Ltd., incorporated in 1989, is a 50:50 Joint Venture between TE Connectivity, U.S.A. (formerly Tyco Electronics) and RPG Enterprises, India.

TE Connectivity is a US\$13 Billion global provider for Solutions in Network, Transportation, Consumers and Industrial for over 50 years.

RPG Enterprises, an establishment of over 30 years, is one of India's fastest growing business groups with turnover of US\$ 3 Billion. The group has more than fifteen companies managing diverse business interests in the areas of Automotive Tyres, Infrastructure, IT and Specialty including Pharmaceuticals, Power Ancillaries & Plantations.



Raychem RPG

ENGINEERING GROWTH. PIONEERING EXCELLENCE



International Business Division (IBD) - EBU

1,62, M.G. Rd., Near Bharat Petroleum Pump
Off. Western Express Highway,
P. Satavali, Bassein, Taluka Vasai, Dist. Palghar

Contact: btpr@raychemrpg.com

www.raychemrpg.com



(A TE-Connectivity - RPG Enterprises JV)