



Sand Casting | Investment Casting | Precision Machining

TOGETHER WE CAN





**GPCL
GROUP**

GPCL Group has firmly engraved its foot in casting industry, and today, with its untiring endeavor it is one of the renowned name in not only national but International market. **Presently, GPCL Group consists of Sand casting unit, Investment casting unit and Machine shop unit.** The group is well-organized foundry and engaged in manufacturing quality steel castings of **all major steel grades including, CS, SS, duplex, Super duplex, heat resistant Ni alloys, Ni – Cr based alloy etc** with fully machined ready to use components.

“ **DELIVERING PRECISION & QUALITY IN EVERY CAST,
TRUSTED GLOBALLY SINCE 1994** ”

The group is **specialized in manufacturing high quality product, on-time delivery, customer support & excellence in manufacturing critical components** for all major sectors.

From **development to on-time delivery with 360° coverage** of their prospectus, **GPCL group provides complete solution** to its valued customers. The full-fledged manufacturing facility and experienced work force ensures customer satisfaction at its best by **assistance and giving valuable suggestions wherever required.**

GPCL group treats its customers as their partners crossing the boundaries of uncertainties to give them best industry experience.



VISION MISSION

AT GPCL, OUR TEAM IS **COMMITTED TO SUPPLY QUALITY CASTINGS MEETING INTERNATIONAL STANDARDS TO OUR CUSTOMERS .**

We will keep **innovating new technology** and **welcome new ideas** adhered to continuous improvement in our manufacturing process ensuring that **customer requirements are fulfilled upto their satisfaction.**

To that end, we must continuously achieve superior financial and operating results while adhering to **the highest standards of business conduct.**

WHY GPCL GROUP

Our achievements can be attributed to emphasis on process and technology supported by a team of experienced, knowledgeable staff and professional management.

We are committed to provide value, consistent quality and outstanding services to our valued customers by implementing a strategy of advanced engineering and automation. This practice leads in reduction of lead time and increase efficiency while maintaining a healthy and safe work environment.

GPCL Group Emphasizes
**On-time Delivery &
Customer Support**

Providing a complete solution,
**From Development
to Delivery**
with their well-equipped
manufacturing facility &
experienced workforce.

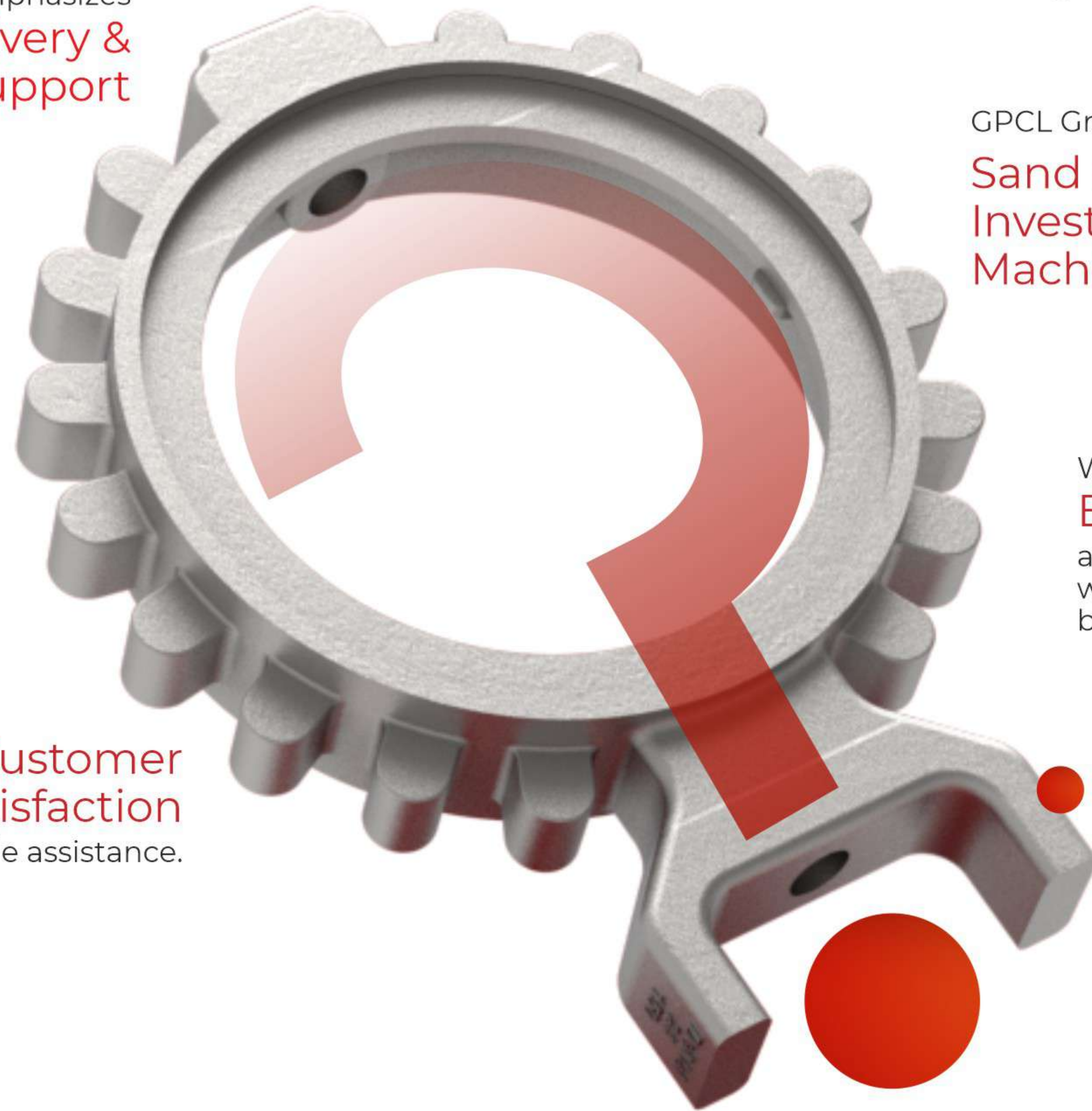
**Ensure Customer
Satisfaction**
by offering valuable assistance.

Established in 1994

GPCL Group has become a renowned name in both national & international casting markets.

GPCL Group has 3 Main Units
**Sand Casting
Investment Casting
Machine Shop**

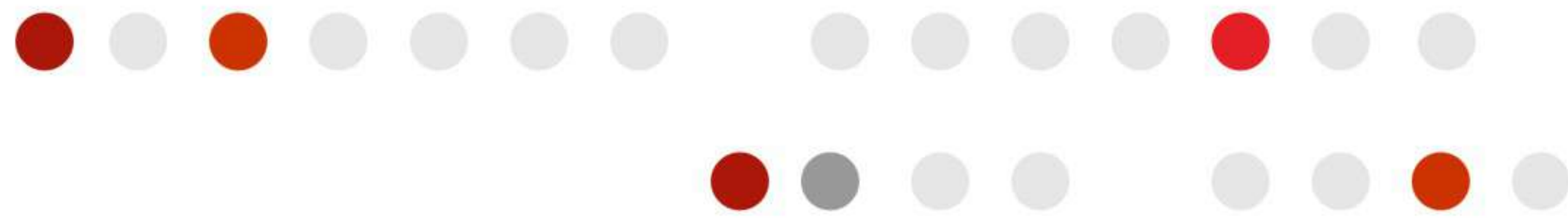
With **85% of Our Products
Exported Globally**
and 15% serving the domestic market,
we ensure quality and precision for
both international and local clients.





SAND CASTING
UNIT

INVESTMENT CASTING
UNIT



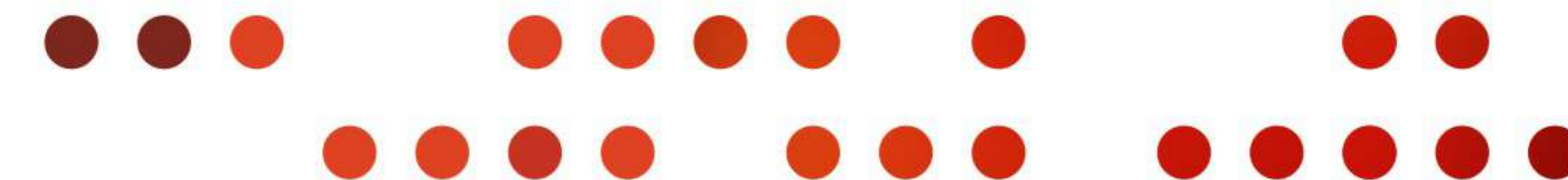
GUJARAT
PRECISION CAST
PVT. LTD.



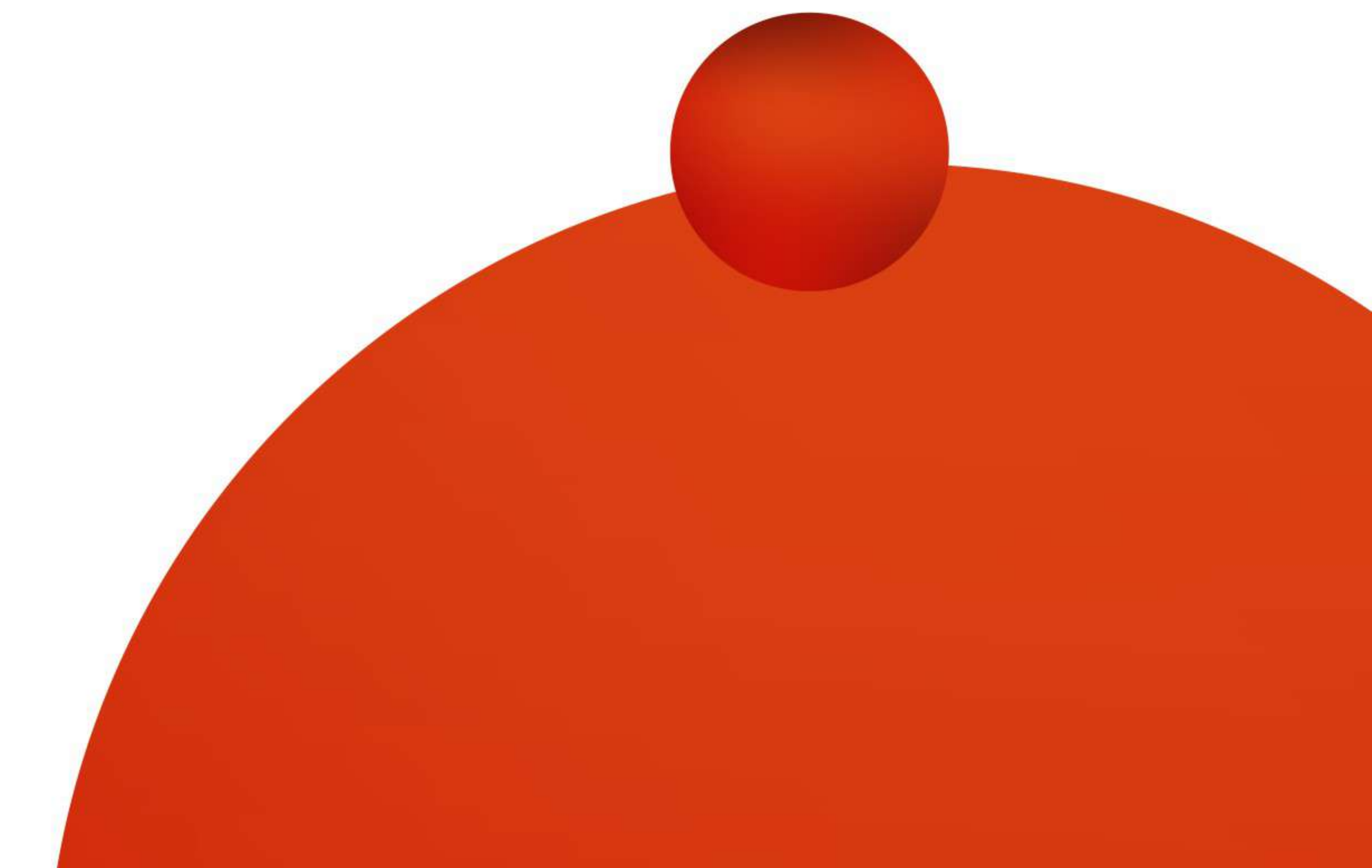
SAND CASTING UNIT

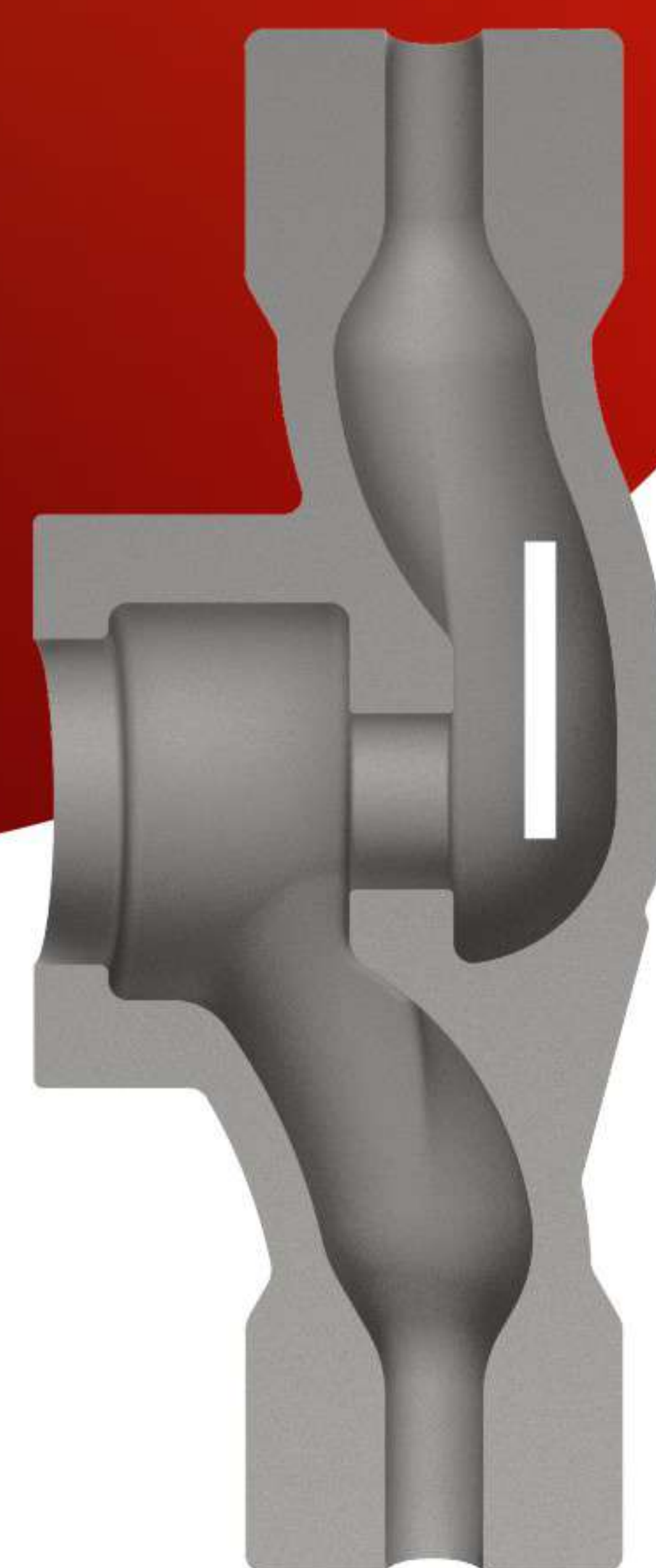
SAND CASTING UNIT

Gujarat Precision Cast Pvt. Ltd. has **alkaline phenolic (Alphaset) no bake** process for achieving manufacturing consistency for quality castings.



In no time, **Gujarat Precision Cast Pvt. Ltd.** established itself as a reliable supplier for its process, consistency in quality & delivery in steel casting industry due to its dedicated team, world class infrastructure & most importantly, its customer's trust in them.



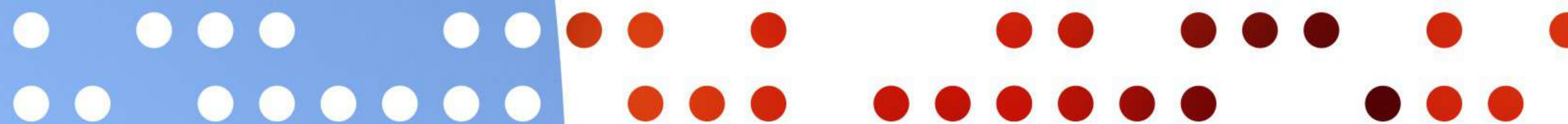


INFRASTRUCTURE

SAND CASTING UNIT

Spread Across 35●●● SQ Meter

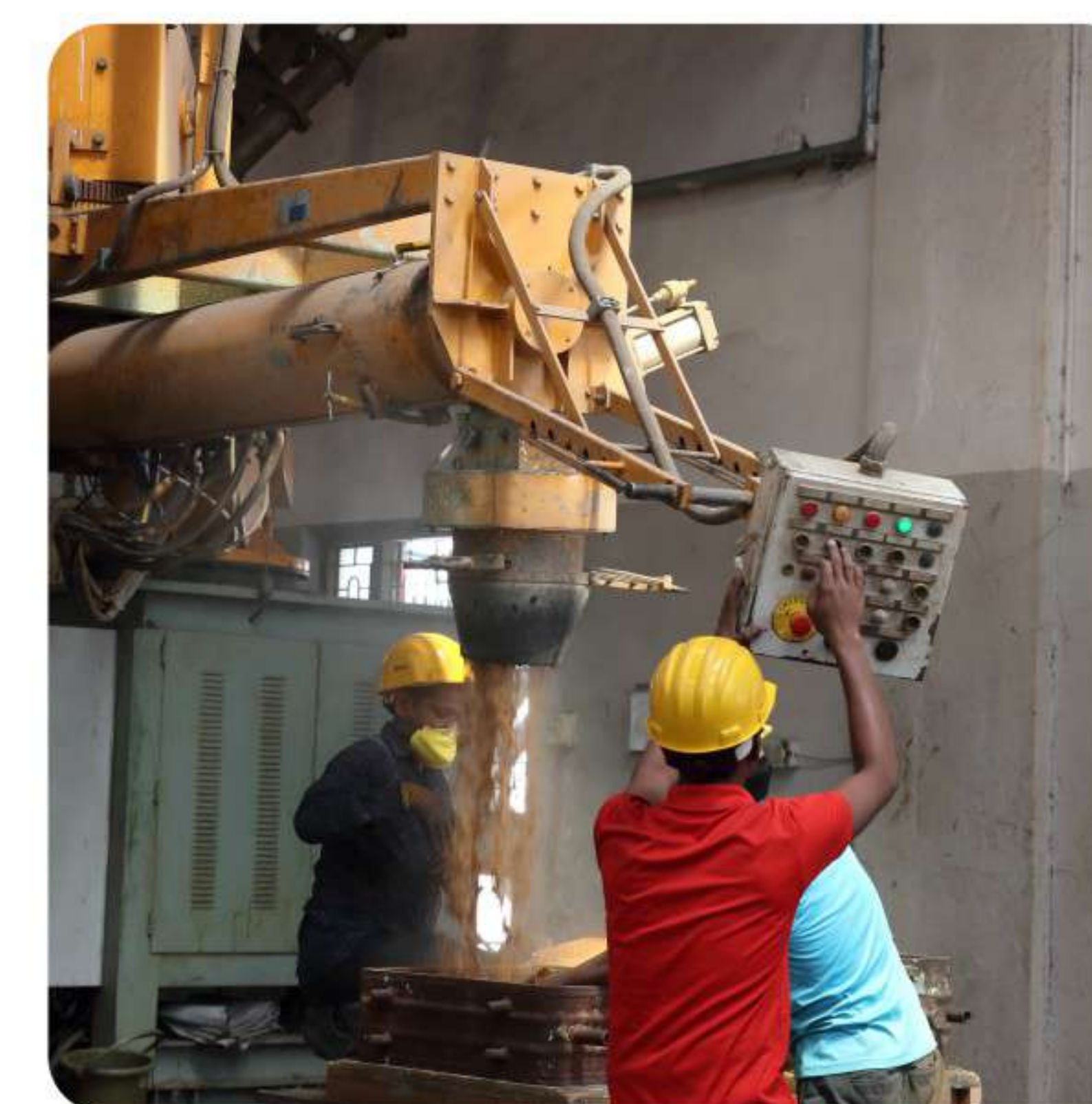
We have a state-of-the-art infrastructure facility, sprawled over a wide area at **Veraval (Shapar), Rajkot, Gujarat**. Which is developed to offer a premium quality range to our clients. Furthermore, our infrastructure is divided into different sections.

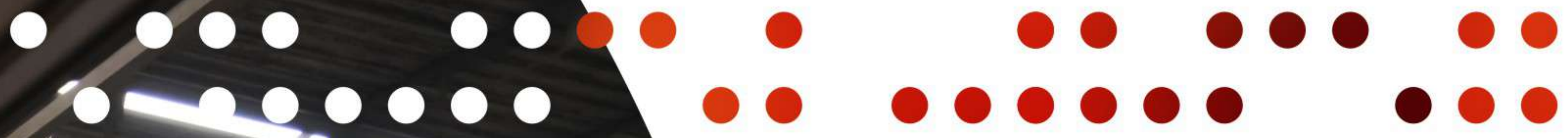


MOULDING LINE SECTION

ADVANCED MOULDING LINE FOR PRECISION SAND CASTING SOLUTIONS

Our state-of-the-art moulding line ensures consistent quality, precision, and efficiency in sand casting. Designed for versatility, it delivers high-quality moulds for diverse casting applications.



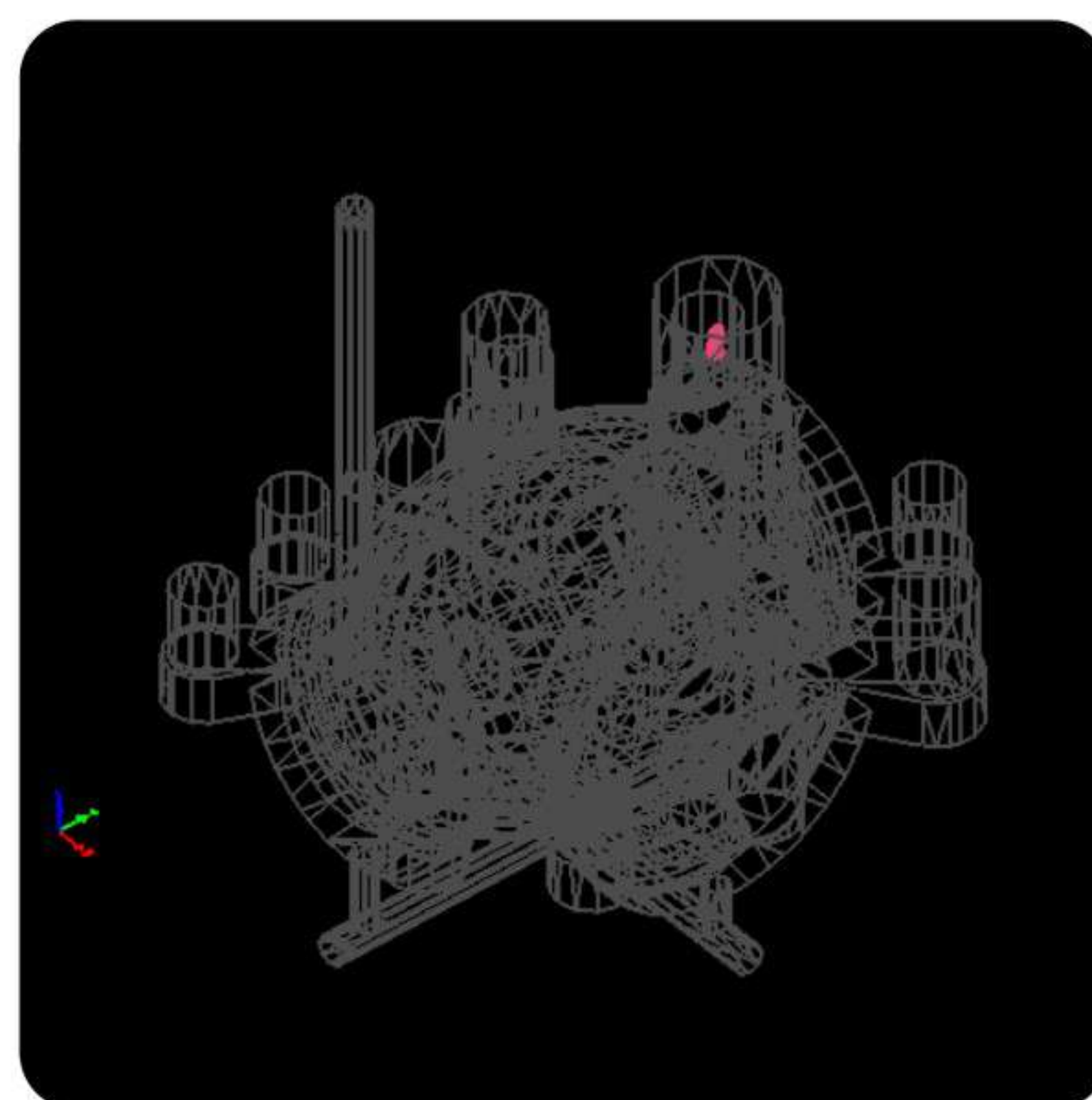
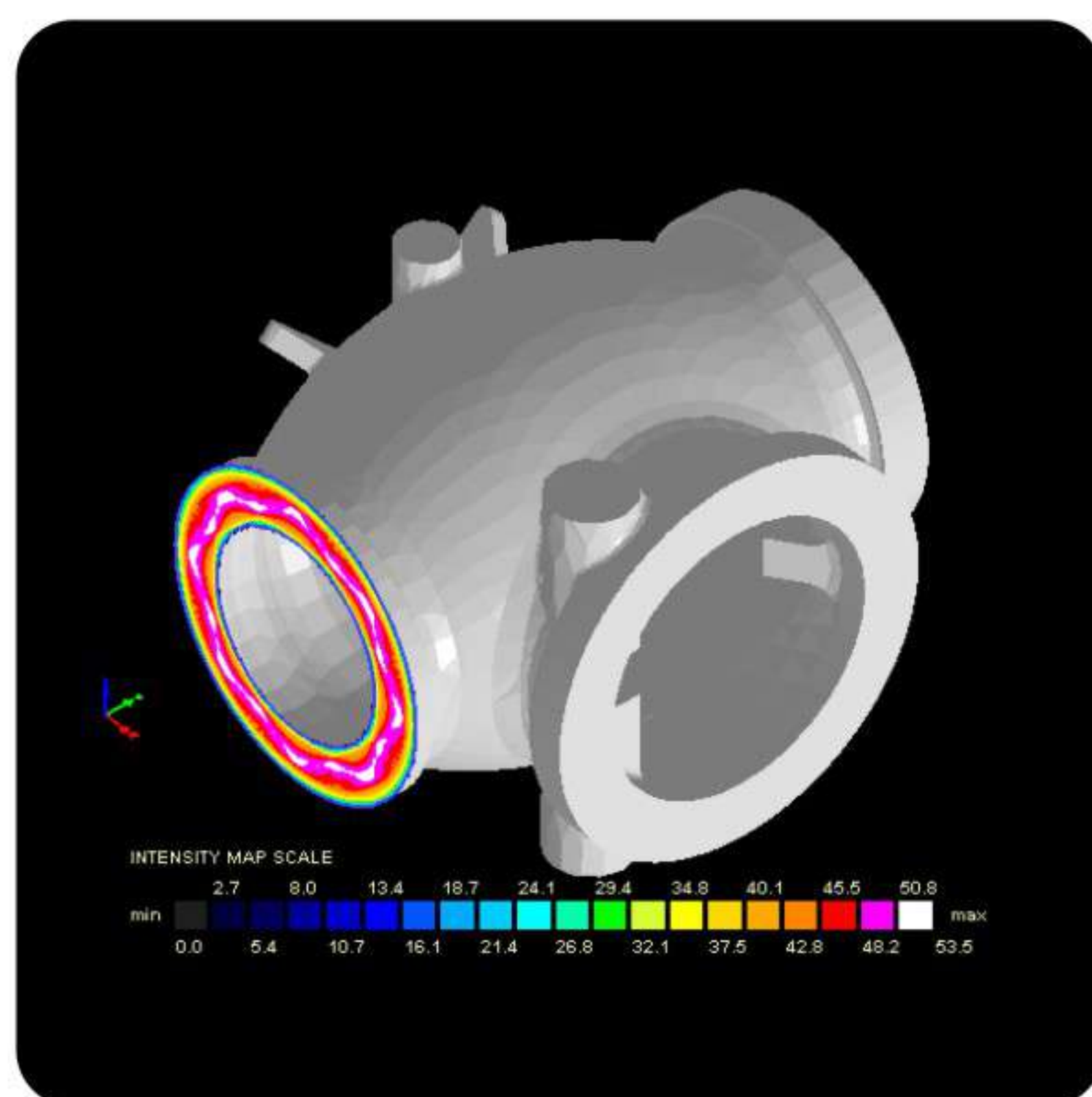


PATTERN STORAGE

ORGANIZED PATTERN STORAGE FOR STREAMLINED SAND CASTING PROCESSES

Our meticulously managed pattern storage ensures quick access, safety, and quality, enabling efficient mould preparation for consistent casting excellence.





3D STUDIO

INNOVATIVE 3D DESIGN STUDIO FOR PRECISION CASTING DEVELOPMENT

Utilizing cutting-edge 3D design tools, we create accurate models and prototypes to streamline production and enhance casting precision.



MELTING SECTION

EFFICIENT MELTING SECTION FOR **SUPERIOR ALLOY CONSISTENCY**

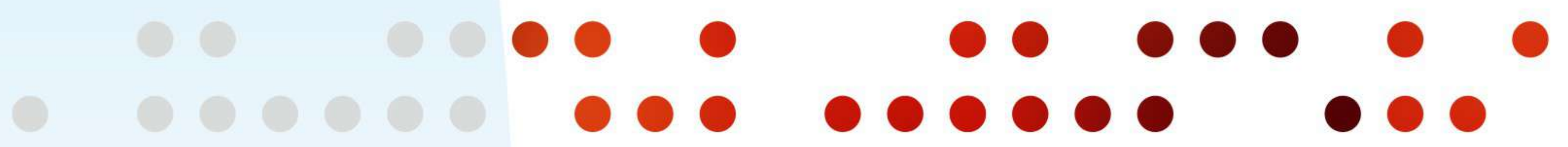
Our modern induction furnaces deliver consistent melting, ensuring the desired alloy properties for durable and precise castings.

POURING SECTION

CONTROLLED POURING SECTION FOR FLAWLESS CASTING PRODUCTION

Designed for precision, our pouring section ensures uniform metal flow, minimizing defects and enhancing casting quality.



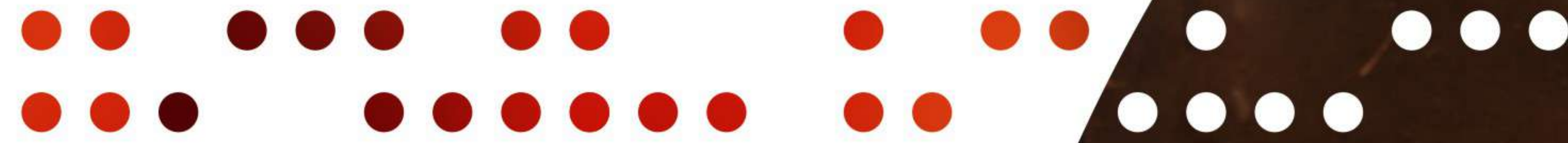


SAND RECLAMATION PLANT

SAND RECLAMATION FOR **SUSTAINABLE CASTING OPERATIONS**

Our advanced sand reclamation system minimizes waste, optimizes reuse, and supports sustainable casting practices with cost efficiency.

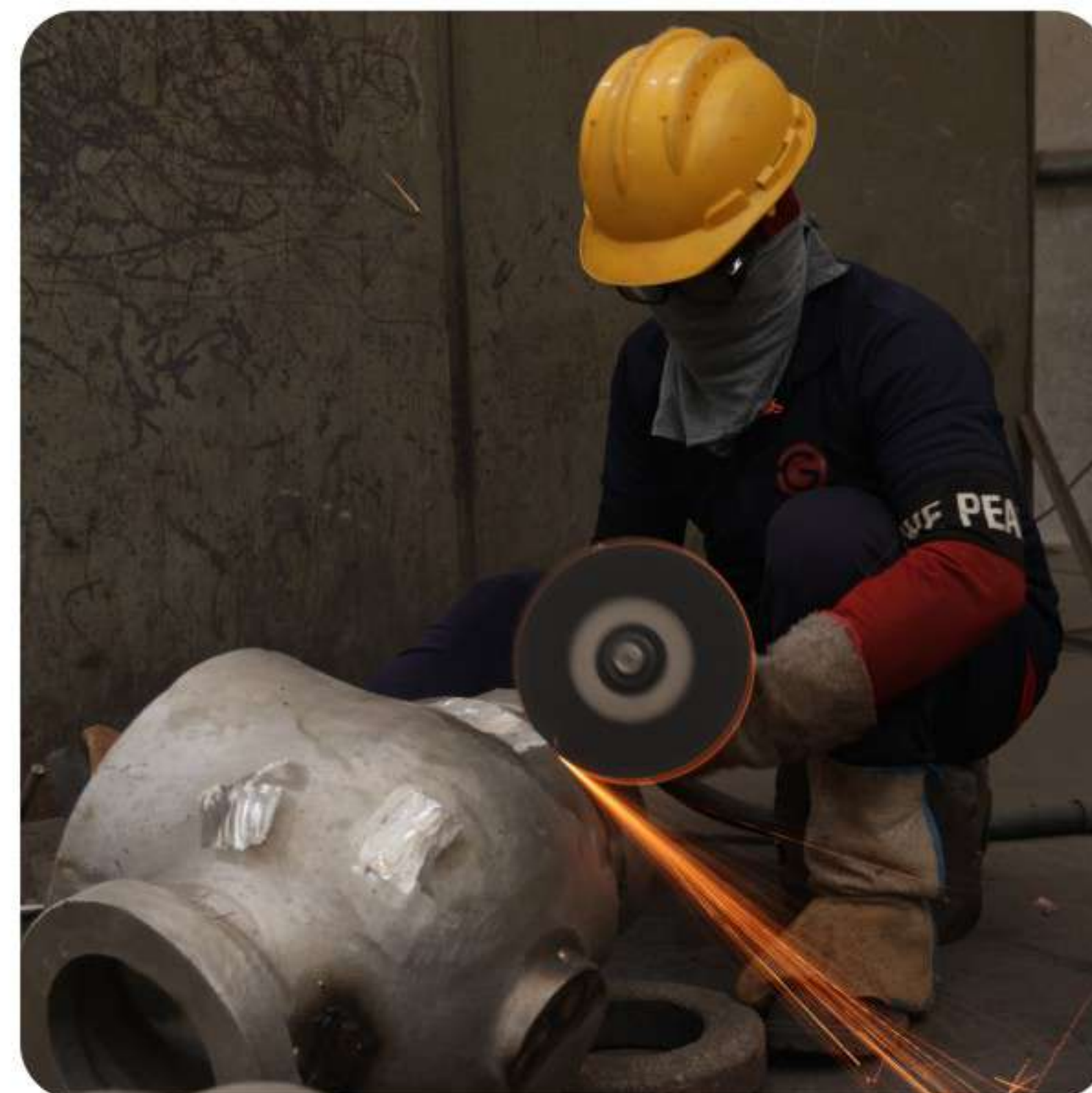


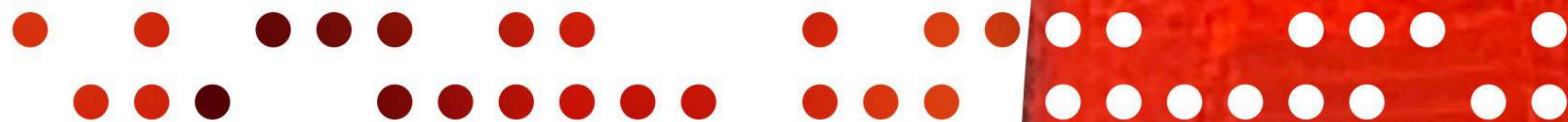


FETTLING SECTION

STREAMLINED FETTLING SECTION FOR **FLAWLESS CASTING FINISHING**

Equipped with advanced tools, our fettling section ensures smooth finishing, removing imperfections for high-quality final castings.



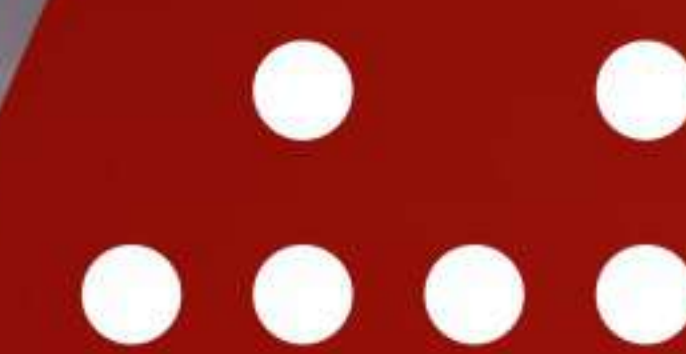


HEAT TREATMENT

ENHANCING STRENGTH & DURABILITY THROUGH PRECISION HEAT TREATMENT

Our advanced heat treatment process ensures optimal hardness, toughness, and performance for castings, meeting stringent quality standards across industries.





RADIOGRAPHY ENCLOSURE

PRECISION RADIOGRAPHY FOR
FLAWLESS CASTING INSPECTIONS

- Ensures non-destructive testing for internal defect detection.
- Guarantees structural integrity & casting reliability.
- Delivers precision and accuracy for superior quality assurance.
- Enables advanced inspection processes for critical applications.



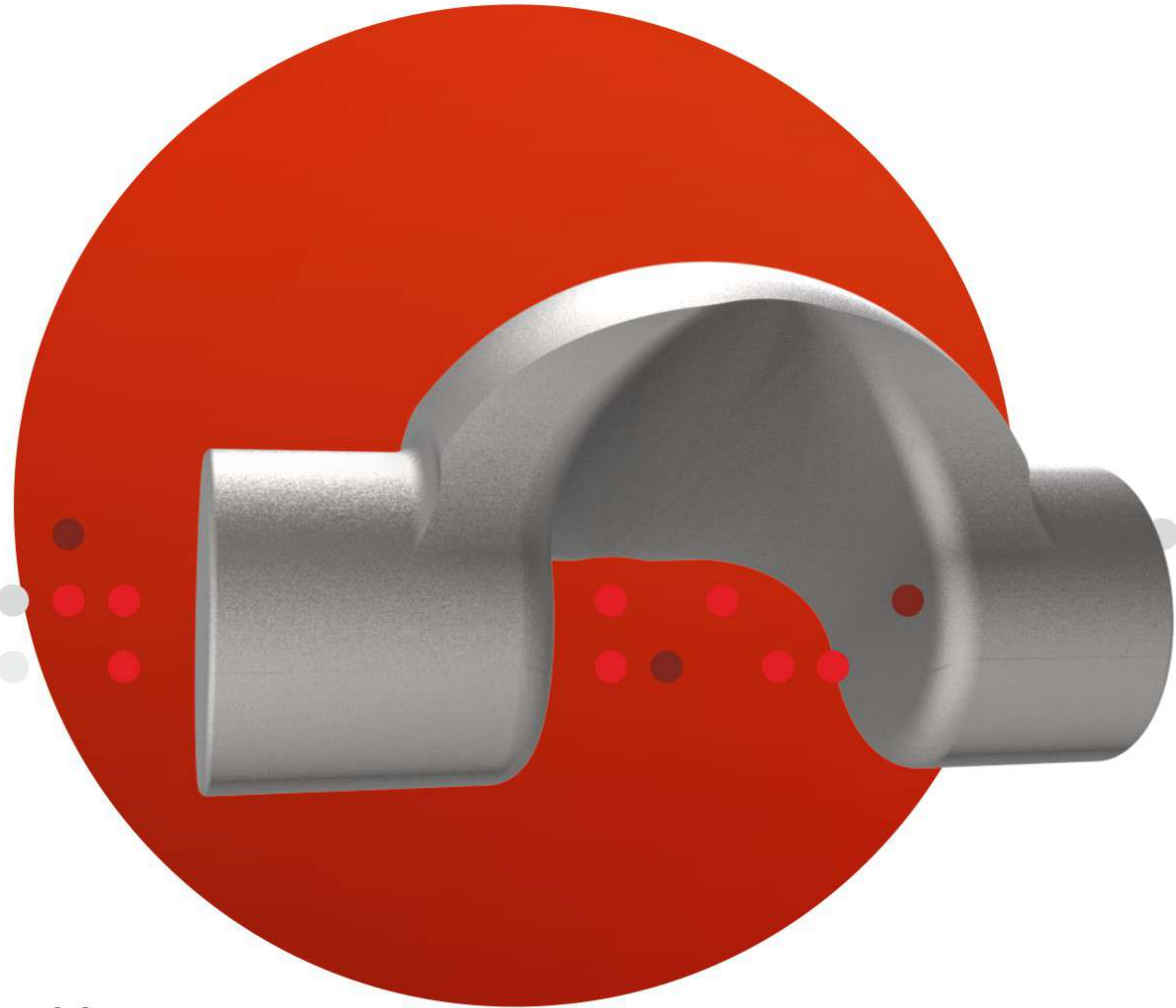
QUALITY TESTING LABS

**WORLD-CLASS QUALITY TESTING
FOR RELIABLE CASTING ASSURANCE**

Equipped with cutting-edge testing instruments,
our lab ensures every casting meets rigorous
chemical, mechanical, and dimensional standards.



SAND CASTING UNIT STRENGTHS & CAPABILITIES



Moulding line

IMF - Italy make semi-automatic loop line

Furnace Capacity

350Kg to 4500Kg

Simulation Software

Softcast

Weight / Dimension range

50kg to 2500 kg single Pc / 2.5 mtr. X 2.5 mtr.

Monthly capacity

200 Tons/Month

Grades Manufactured

CS, LAS, SS, Duplex, Super Duplex, Heat Resistant, Customized

NDT Facilities

In house UT/MPT/DPT/RT (Ir-192 & Co-60)

Man Power

250+ Employees

Moulding Process

Alkaline phenolic (Alphaset) NO BAKE for making moulds & cores

Type of Furnace

Medium frequency induction furnace (Inductotherm make)

Testing Facility

In house Sand, Chemical & Mechanical Testing Lab

Heat Treatment

In house annealing, quenching, normalizing, tempering etc. 2x3.5 MT Gas Fired - Calibrated as per API

Machine Shop

In house Trevisan, VMC, TC, HMC, Boring & VTL facility



GUJARAT
TECH CAST
PVT. LTD.

INVESTMENT CASTING UNIT



Gujarat Tech Cast Pvt Ltd has firmly anchored its grip on the casting industry with its well-organized and structured manufacturing of steel casting products.

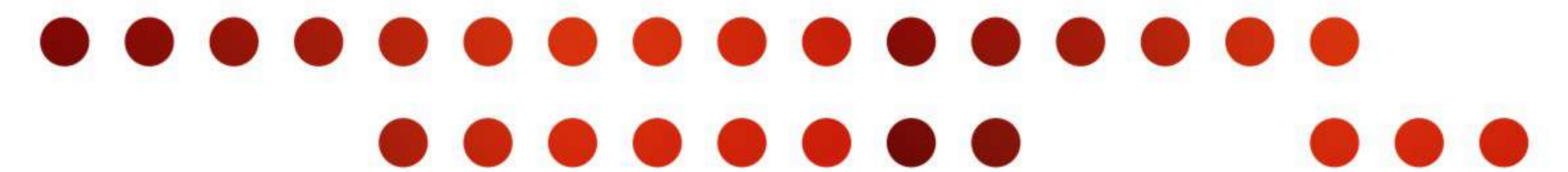
With the **experience of 25 years in field of Investment castings**, we are the casting supplier of choice due to our stringent investment casting process and our world class foundries which allow us to cast stainless steel to razor sharp tolerances.



INFRASTRUCTURE

INVESTMENT CASTING UNIT
Spread Across 15,000 SQ Meter

We have a state-of-the-art infrastructure facility, sprawled over a wide area at **Pipaliya (Sadak), Rajkot, Gujarat**, Which is developed to offer a premium quality range to our clients. Furthermore, our infrastructure is divided into different sections



DIE MAKING

PRECISION DIE MAKING FOR PERFECT CASTING PATTERNS

Combining expertise and advanced tools, our die-making process ensures accurate, durable dies for superior casting outcomes.



WAX INJECTION

PRECISION WAX INJECTION FOR HIGH-QUALITY CASTING PATTERNS

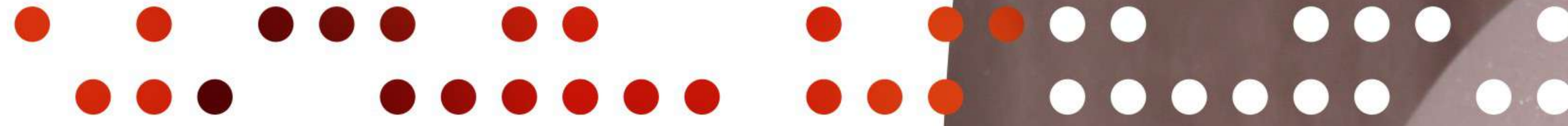
Our wax injection systems produce intricate and accurate patterns, laying the foundation for superior casting results.



WAX ASSEMBLY

EFFICIENT WAX ASSEMBLY FOR COMPLEX CASTING STRUCTURES

Our specialized wax assembly process ensures stability and precision in creating intricate designs for flawless castings.

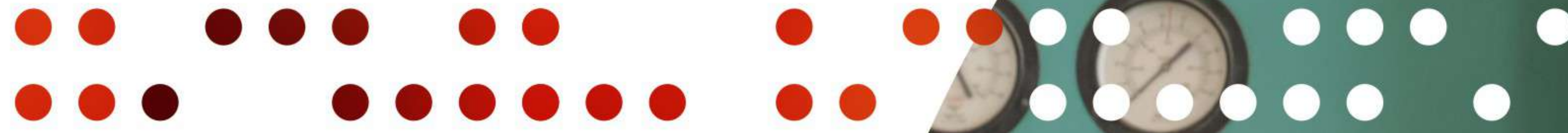


SHELL MANUFACTURING

ADVANCED SHELL MANUFACTURING FOR **STRONG AND RELIABLE CASTING MOULDS**

Using high-quality materials and automated processes, our shell manufacturing section delivers durable moulds for high-performance castings.





DE-WAXING

STATE-OF-THE-ART DE-WAXING FOR FLAWLESS SHELL PREPARATION

Our de-waxing systems ensure clean, defect-free shells, setting the stage for precision casting with minimal imperfections.

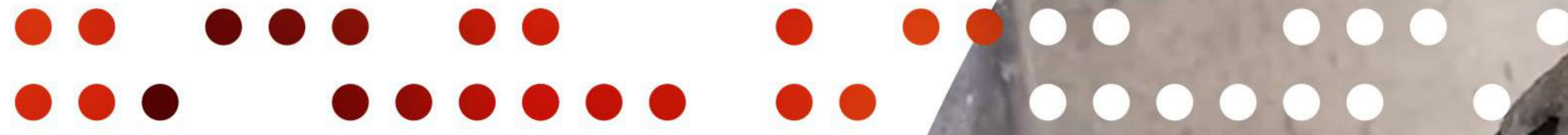


MELTING & POURING

EFFICIENT MELTING & POURING FOR
CONSISTENT AND DURABLE CASTINGS

Our controlled melting and pouring processes ensure uniform flow and accurate alloy compositions, producing exceptional castings.

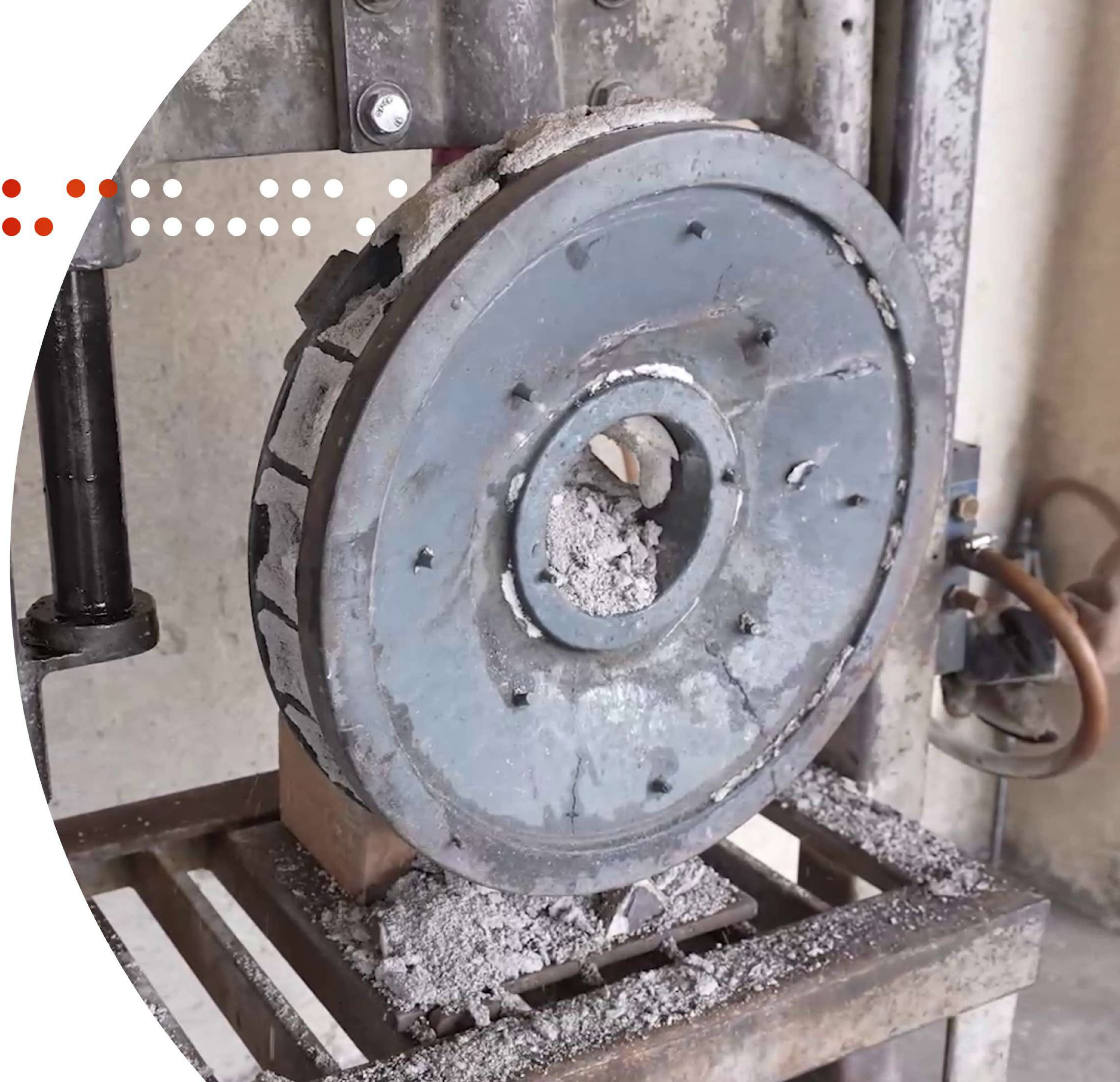


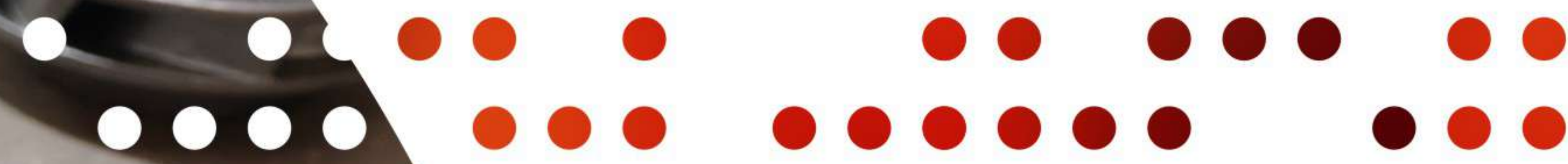
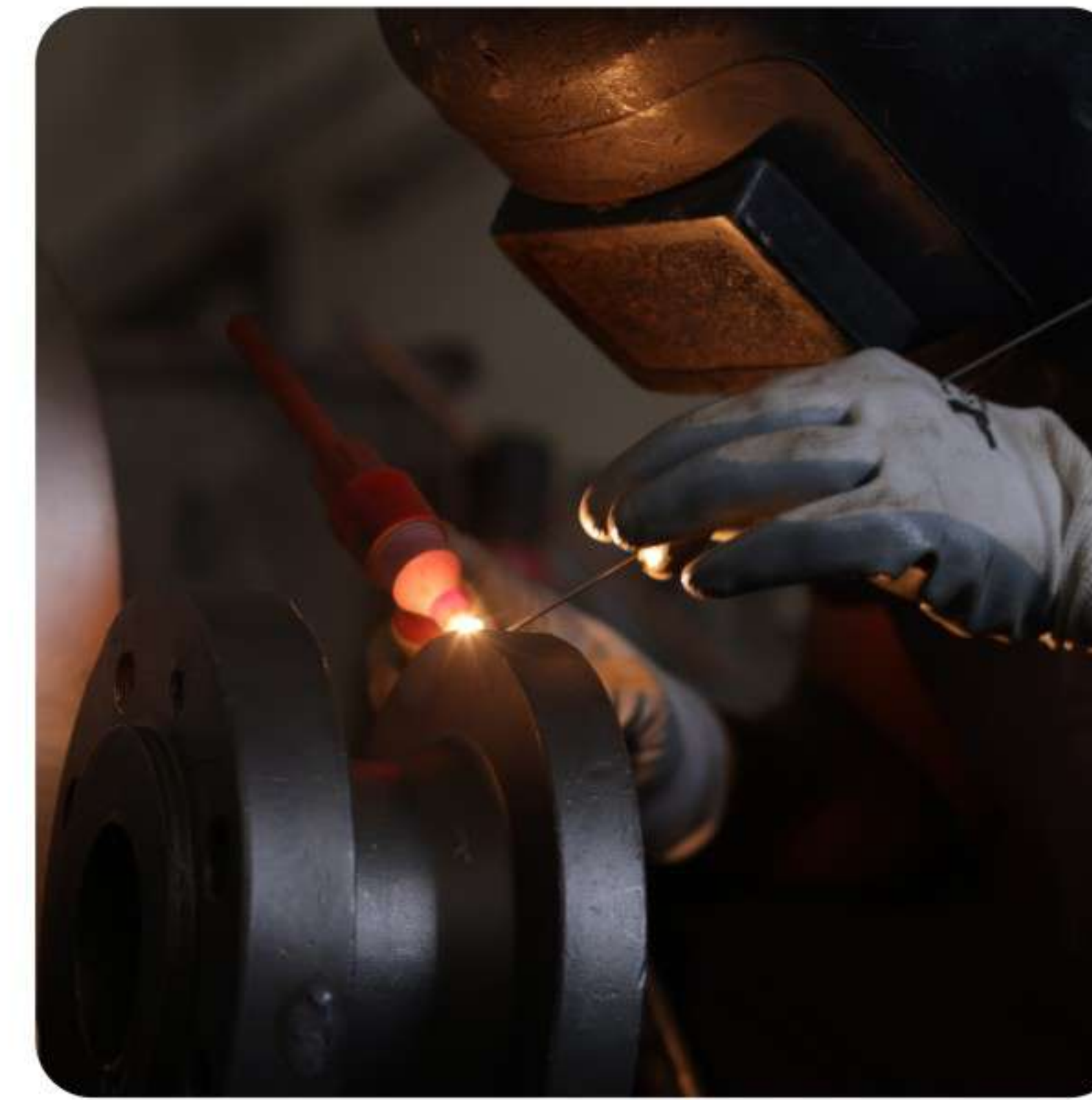


KNOCK OUT

EFFICIENT KNOCK OUT FOR SEAMLESS CASTING REMOVAL

Our knock-out process expertly removes molds, ensuring castings are extracted cleanly, preserving precision & quality.





FETTLING

ADVANCED FETTLING FOR FLAWLESS CASTING FINISHES

Equipped with precision tools, our fettling section removes imperfections and delivers castings with impeccable surface quality.

INVESTMENT CASTING UNIT **STRENGTH & CAPABILITIES**



Manufacturing Process

Lost-wax

Simulation Software

Softcast

Grades Manufactured

CS, LAS, SS, Duplex, Super Duplex, Heat Resistant, Customized

NDT Facilities

In house UT/MPT/DPT/RT(Ir-192 & Co-60)

Man Power

150+ Employees

Type of Furnace

Medium frequency induction furnace (Inductotherm make)

Monthly capacity

100 Tons/Month

Heat Treatment

In house annealing, quenching, normalizing, tempering etc.

Weight Range

Few Kg to 300 Kg/Pc

Testing Facility

In house chemical & mechanical testing lab.

Machine Shop

In house Trevisan, VMC, TC, HMC, Boring & VTL facility - sharing GPCL



MACHINE SHOP

COMPREHENSIVE MACHINE SHOP FOR FULLY FINISHED CASTINGS

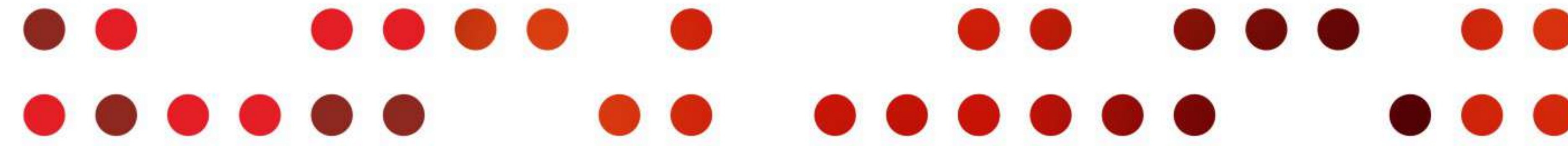
Our advanced machining facilities ensure precise finishing, delivering castings ready for immediate application.

MULTI AXIS

TREVISAN
DS600-200c



MACHINE SHOP



VMC

HAAS/VF6 - 2 Nos | HAAS/VF9
HAAS/VF3 YT | HAAS/VF2
With rotary Table



HMC

HAAS/EC1600 | HAAS/EC1600ZT



CNC

HAAS/ST45 - 2 Nos.



Turn-Mill

HYUNDAI SE2200LMC



CNC VTL

YU SHINE
VL1000 ATC -2 Nos

QUALITY ASSURANCE

We are certified for our Casting's quality, material & system by reputed audit authorities including **TUV, ABS, DNV, BVQ, Lloyds, Class NK and IBR.**

We are also certified for PED to deliver high pressure rating castings.

We have excellent in-house testing facility including simulation software, ultrasonic testing, magnetic particle testing, dye penetrant testing and radiographic testing by gamma rays with Ir-192 & Co-60 isotopes.

Our chemical and mechanical lab has calibrated instruments and machines for checking chemical and mechanical properties of castings. We practice sand testing before accepting fresh lot from suppliers. For dimension control, we ensure that all specified and unspecified dimensions remains under control hence, we always use calibrated calipers, gauges etc. and other required instruments. We also supply ready-touse casting, conforming close dimensions, machined on CNC & conventional machines as per the requirement of customer. This makes us one-stop shop and complete solution provider.

IMPACT
TESTING

CHEMICAL
TESTING

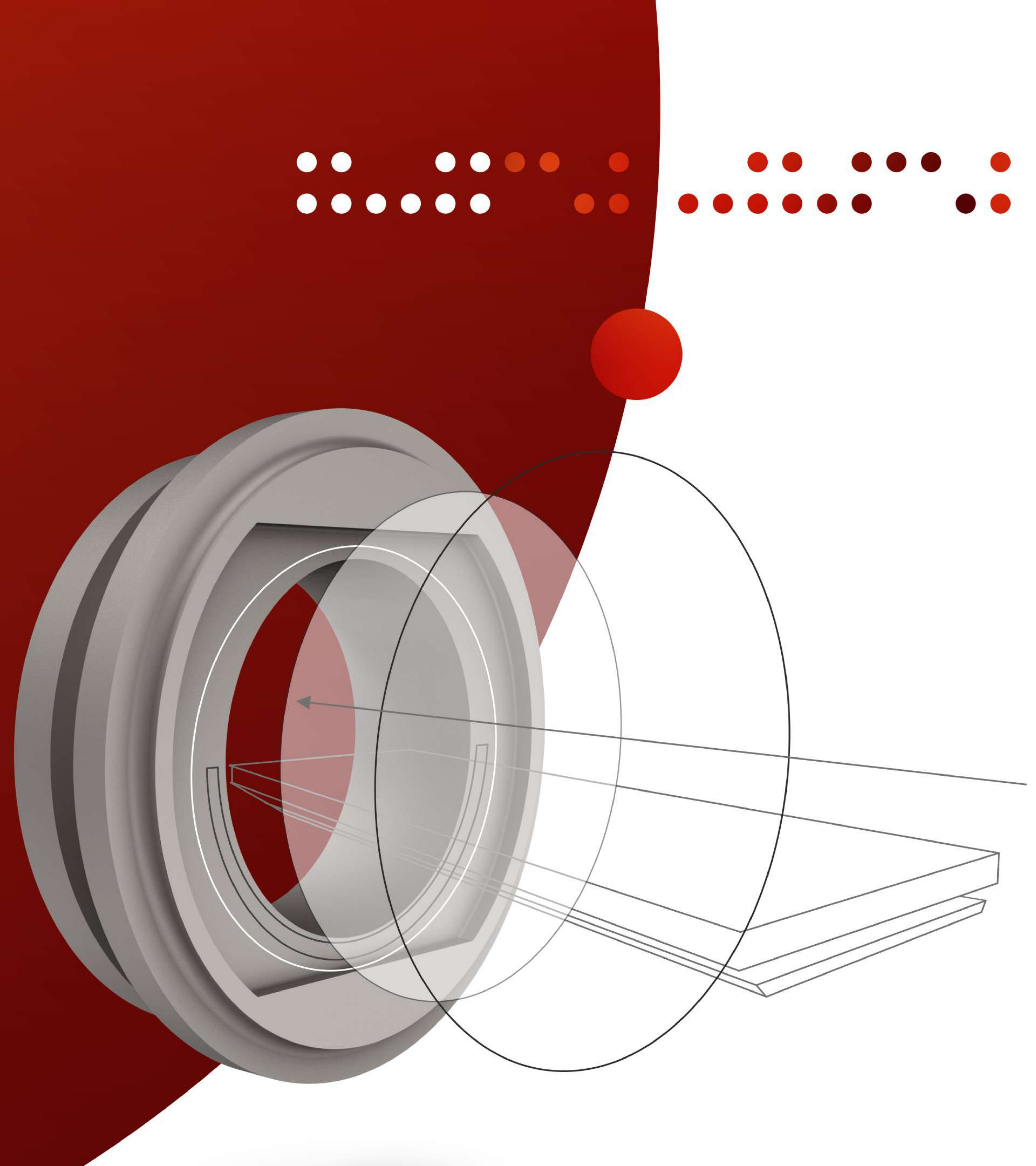
MECHANICAL
TESTING

HARDNESS
TESTING

CORROSION
TESTING

SAND
TESTING







MICROSTRUCTURE
EXAMINATION



CERTIFICATION & APPROVALS

GPCL Group is professionally managed company following quality management systems strictly. Here is the list of certification & approvals.



 <p>ISO 9001:2015 Approval of Management System</p>	 <p>PED 2014/68/EU Quality Assurance System</p>	 <p>AD 2000-MARKBLATT WO Verified & Recognized</p>	 <p>NORSOK Approval of Manufacturer</p>	 <p>ISO 45001:2018 Approval of Occupational Health & Safety Management System</p>	 <p>ISO 14001:2015 Approval of Environmental Management System</p>	 <p>Russian Maritime Register Approval of Manufacturer</p>
 <p>ABS Marine Approval of Manufacturer</p>	 <p>Lloyd's Register Marine Approval of Manufacturer</p>	 <p>Class NK Marine Approval of Manufacturer</p>	 <p>DNV GL Marine Approval of Manufacturer</p>	 <p>BUREAU VERITAS Marine Approval of Manufacturer</p>		



PRODUCTS RANGE

Our chemical and mechanical lab has calibrated instruments and machines for checking chemical and mechanical properties of castings. We practice sand testing before accepting fresh lot from suppliers.

PRODUCES

3600

METRIC TONS
PER ANNUM



GLOBAL FOOT PRINT

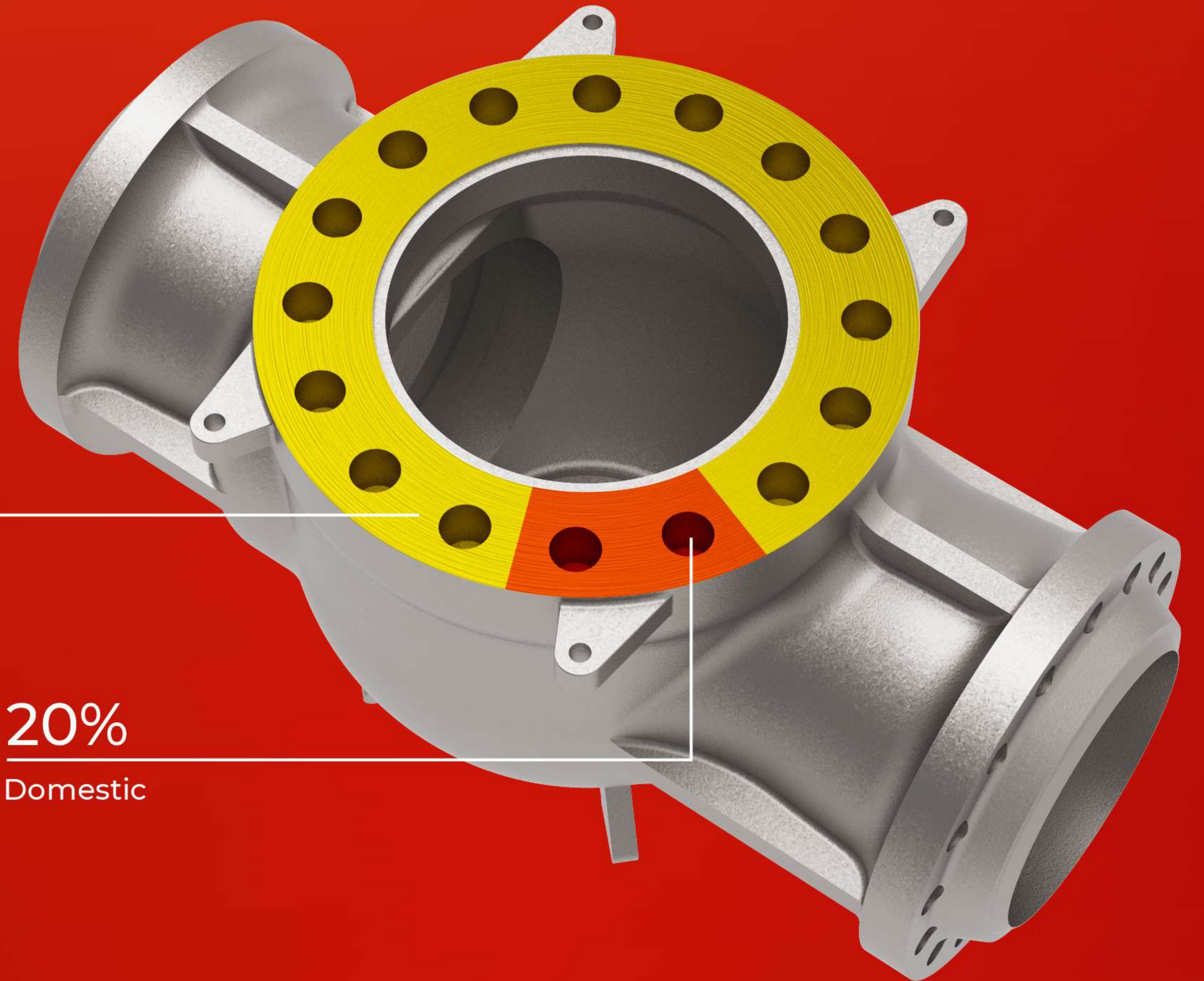
GPCL Group's reach extends globally, serving a diverse clientele across countries. With a robust network of customers, we deliver exceptional products worldwide, ensuring our quality solutions meet the needs of clients everywhere.



SALES DISTRIBUTION

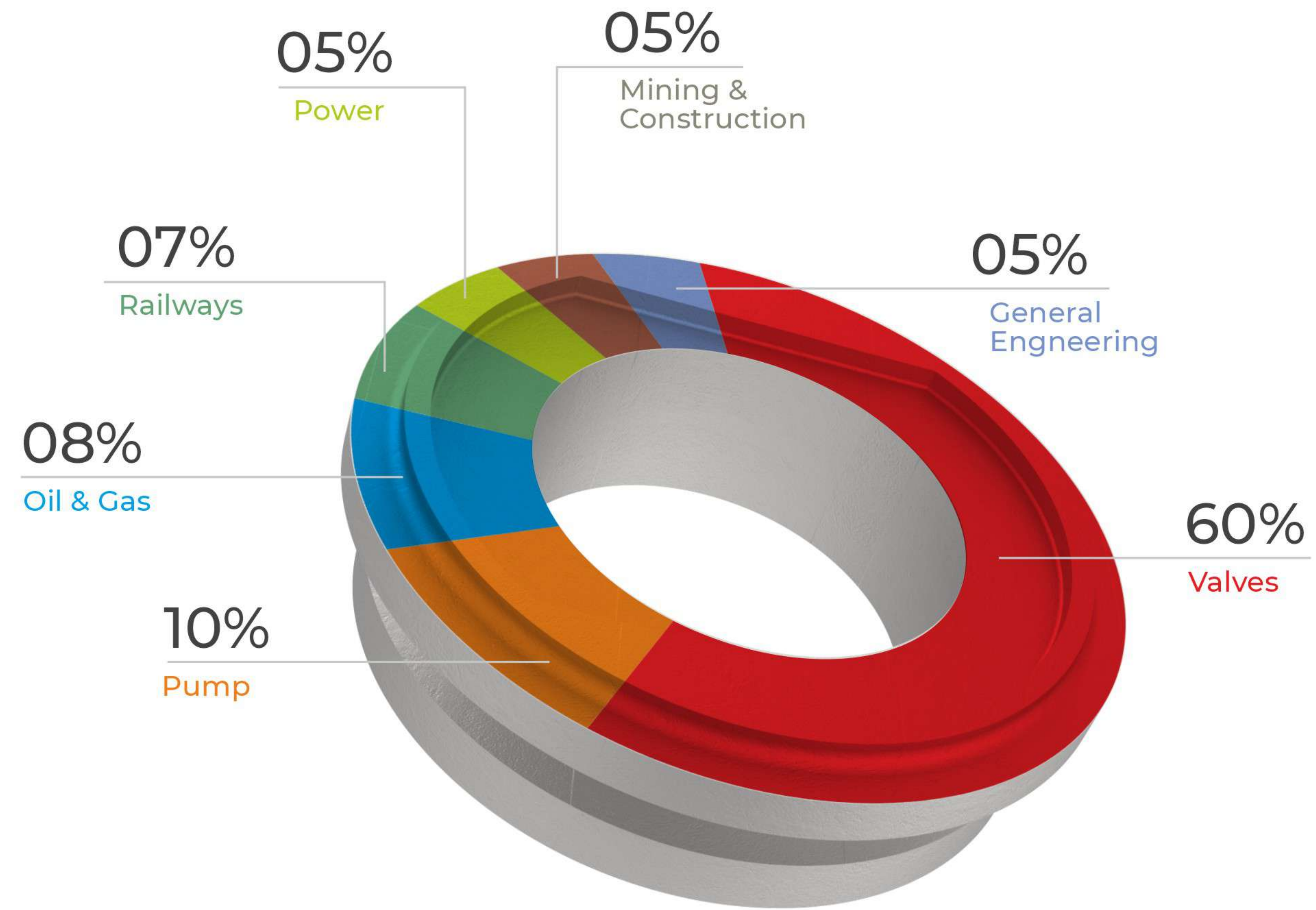
EFFICIENT SALES

Our robust sales ensures timely delivery of quality products to clients worldwide, fostering trust and reliability.





SECTOR WISE SALES DISTRIBUTION

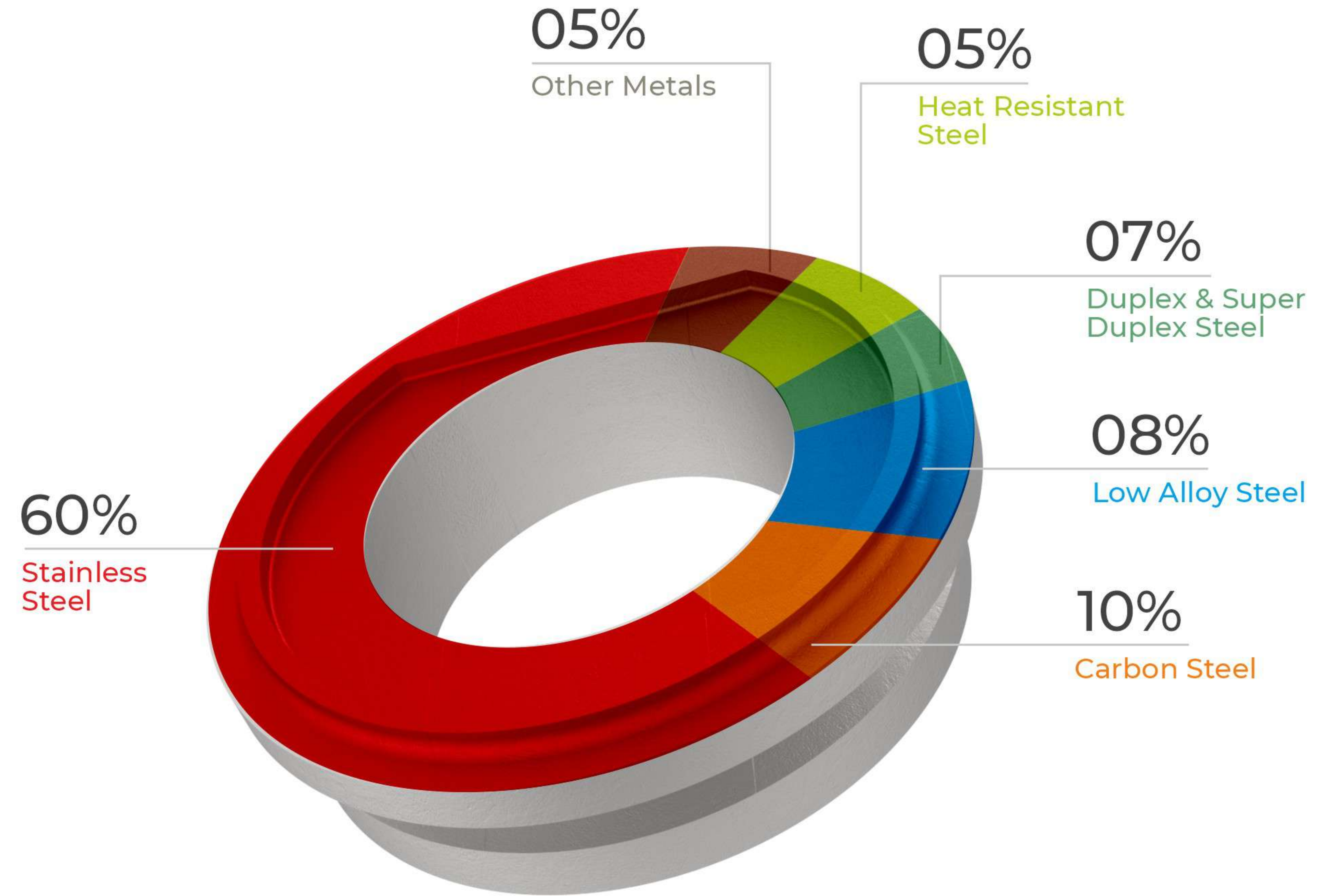


- Valves
- Pump
- Oil & Gas
- Railways
- Power
- Mining & construction
- General Engineering



METEL WISE SALES DISTRIBUTION

- Stainless Steel
- Carbon Steel
- Low Alloy Steel
- Duplex & Super Duplex Steel
- Heat Resistant Steel
- Other Metals



CUSTOMERS OEM'S

SIEMENS
energy

wilo

KSB 

Bray

बी एच ई एल
BHEL

 SCHWING
Stetter

CURTISS-
WRIGHT

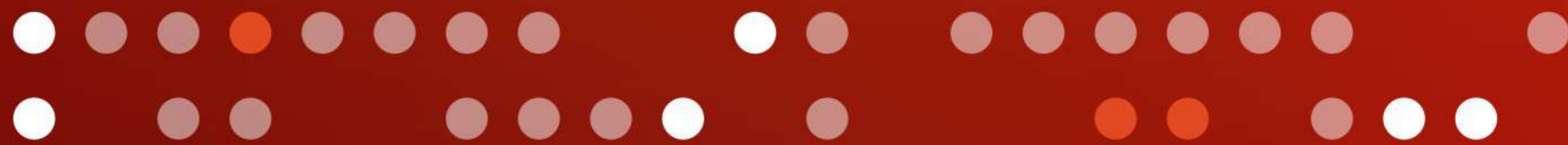
 EMERSON

ALLIGHTSYKES

DRESSER-RAND
A Siemens Business

 L&T Valves

 EBRO ARMATUREN®





30 YEARS OF EXPERTISE
IN THE CASTING INDUSTRY

www.gpclgroup.com

