



Super Iron Foundry

WWW.SUPERIRONFOUNDRY.COM



About **SUPER IRON FOUNDRY**

Established Units

 Super Iron Foundry was established in 1977 with its Kolkata(Liluah) Unit and later expanded with the Durgapur Unit in 2013, marking significant growth milestones.

Global Reach

 With a market presence that spans over 32 countries across 5 continents, SIF demonstrates its commitment to international trade and market expansion.

Product Focus

 SIF specializes in the production of Grey Iron and Ductile Iron grades, ensuring high-quality materials for various industrial applications.

Certifications

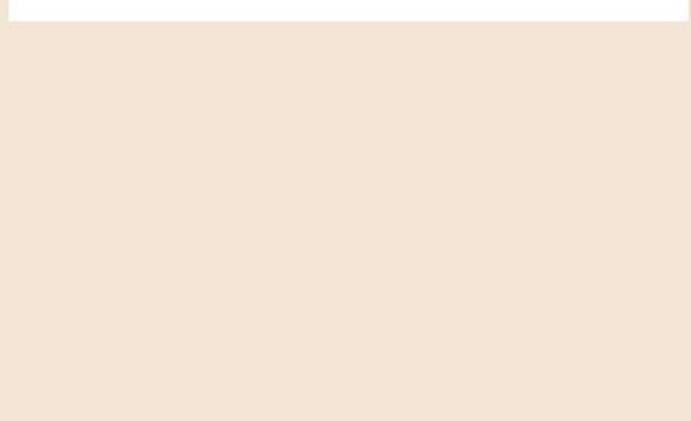
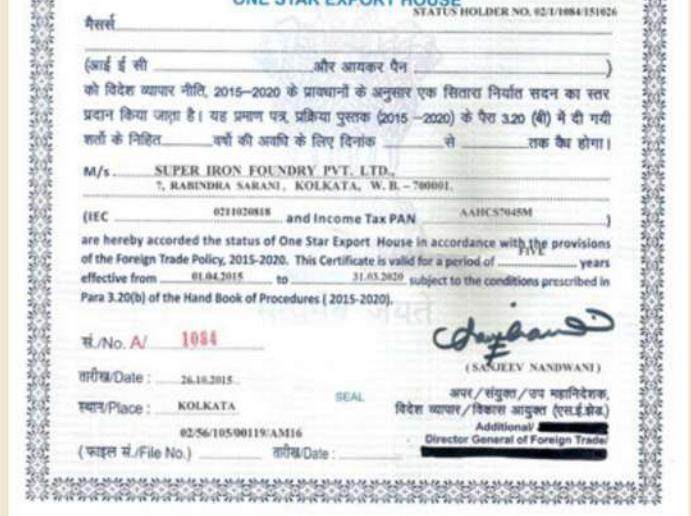
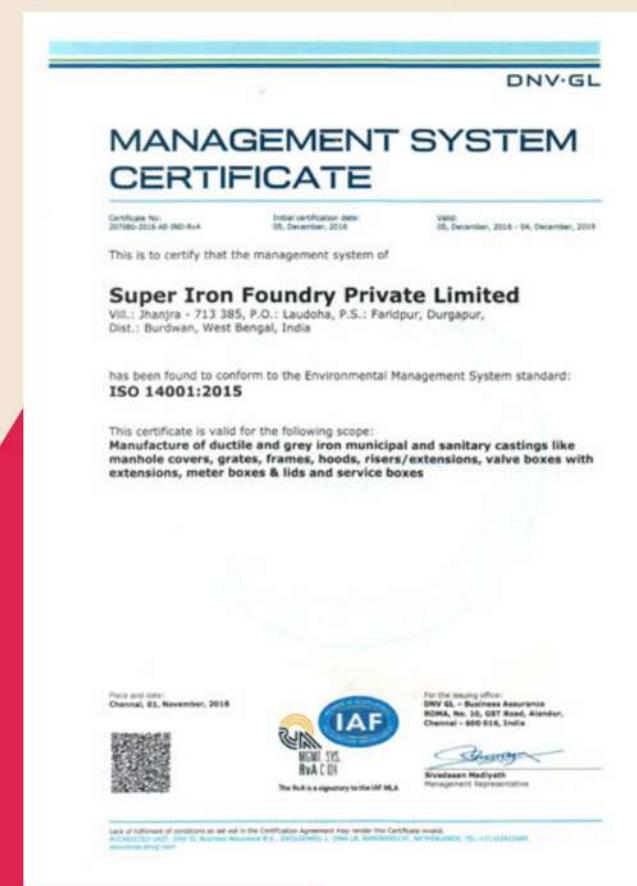
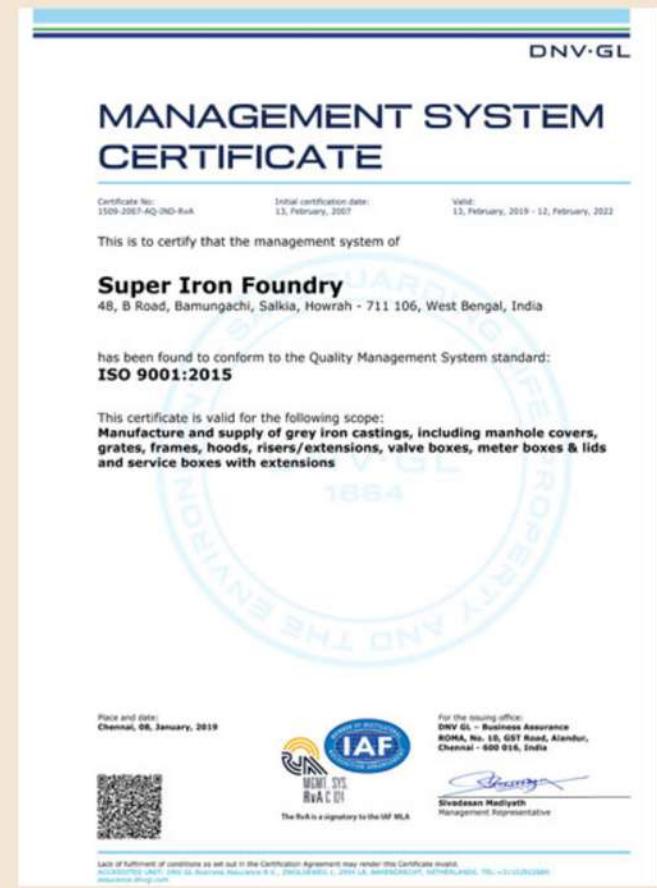
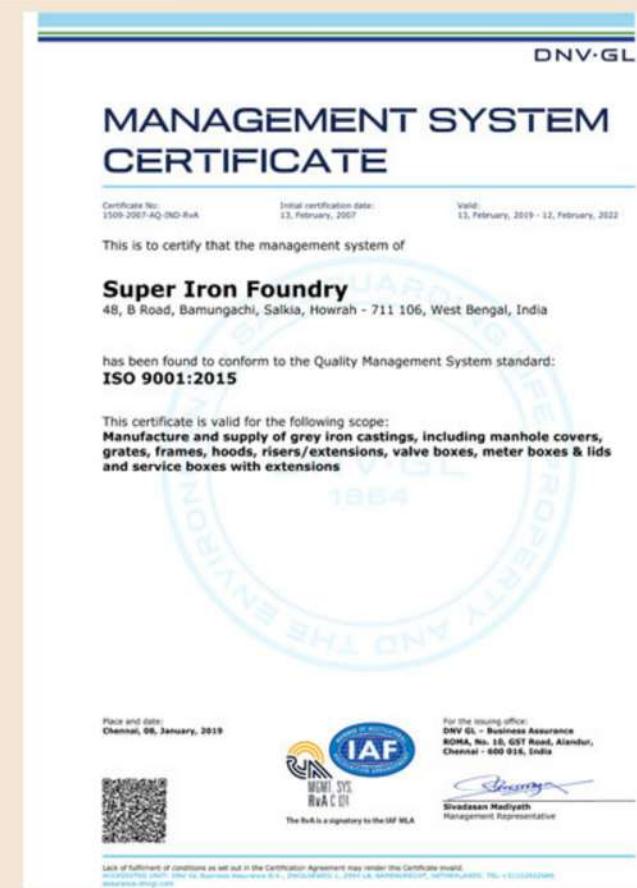
 The company holds multiple certifications, including ISO 9001:2008, ISO 14001:2015, OHSAS 18001:2007 & BSI Kitemark - reflecting its adherence to high industry standards and quality assurance.





Super Iron Foundry

CERTIFICATES





MISSION

To be a one-stop solution for all casting needs – big or small – with the unwavering support of our 'Super People'.

VISION

To become a leading producer of quality castings, delivering greater value to customers while contributing to society and the environment.



MILESTONES



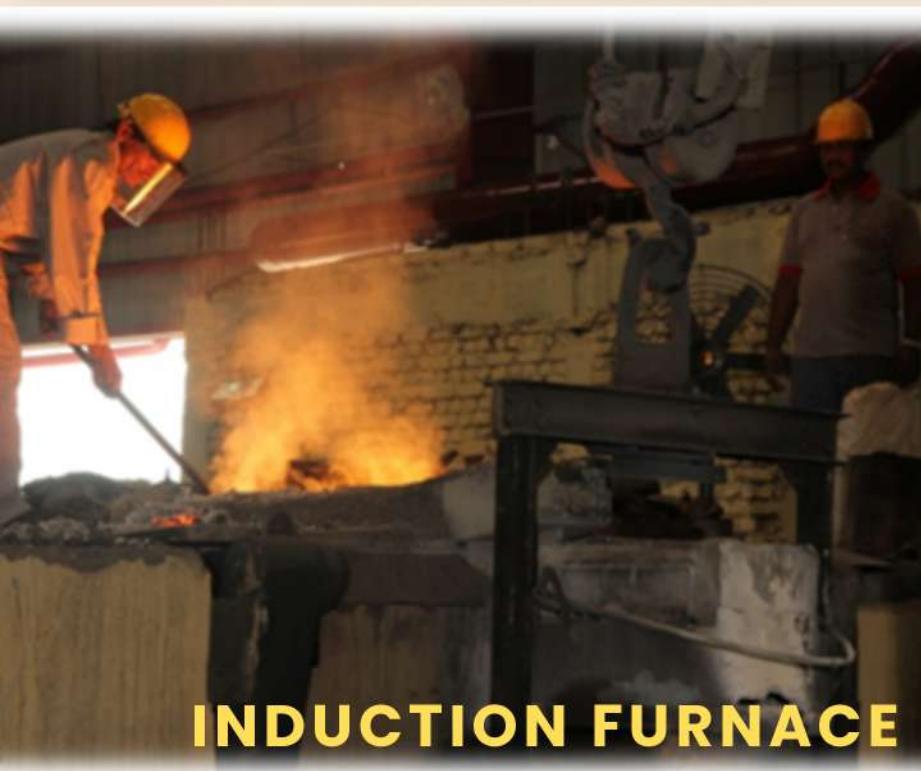
Our Founder
Mr. Narendra Jain
22.09.46-Forever

At **Super Iron Foundry Limited**, our employees are the cornerstone of our success. As a cohesive 'Super' family, we prioritize growth through shared learning, mutual respect, and diverse viewpoints. This spirit of collaboration empowers us to consistently deliver outstanding value to our team and customers alike.

COMPANY INFRASTRUCTURE



MOULDING LINE



INDUCTION FURNACE

★ HIGH PRESSURE VERTICAL MOULDING LINES:

- **DISAMATIC Vertical Line:** production rate of 250 uncored & 220 cored moulds/hour, showcasing efficiency & speed.
- **High-Pressure Vertical Lines:** Comprises 3 lines with a capacity of 200 uncored and 150 cored moulds per hour, designed for high-output needs.

★ SEMI-AUTOMATIC MOULDING LINES:

- **ARPA 450 & ARPA 900:** A semi-automatic moulding line that combines speed and precision.

★ AUTOMATED AUTO POUR SYSTEM:

- The four Autopour units facilitate the consistent and regulated flow of molten metal.

★ SAND PLANT:

- The continuous delivery of prepared sand is supported by our three Disa sand mixers and one Rhino sand mixer.

★ INDUCTION FURNACE

- With 9 induction furnaces, we ensure high production capacity.



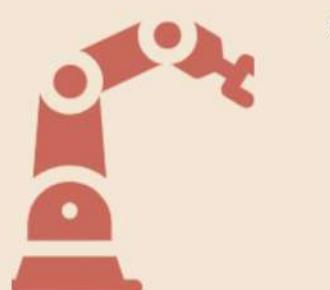
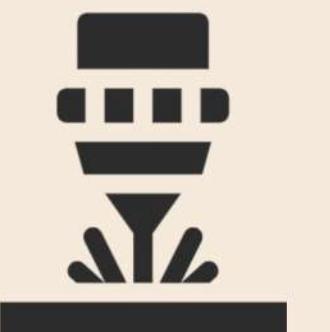
AUTOPOUR



SAND PLANT



CORE MACHINE



- **Shot Blasting:** We have six 1 Ton batch hanger, plus 500 Kg batch tumblast shot blast machines.
- **Pattern Shop:** Our integrated in-house operations encompass a machine shop furnished with CNC, HMV, and VMC machinery, and a pattern shop utilizing a CNC machine with a 700x1280mm table for precise pattern fabrication.
- **Robotic Painting:** We employ an automatic overhead conveyor system, handling larger items with spray application, and providing primer coating as needed.
- **Robotic Grinding:** Our facility utilizes robotic grinding arms to significantly boost efficiency in grinding processes.

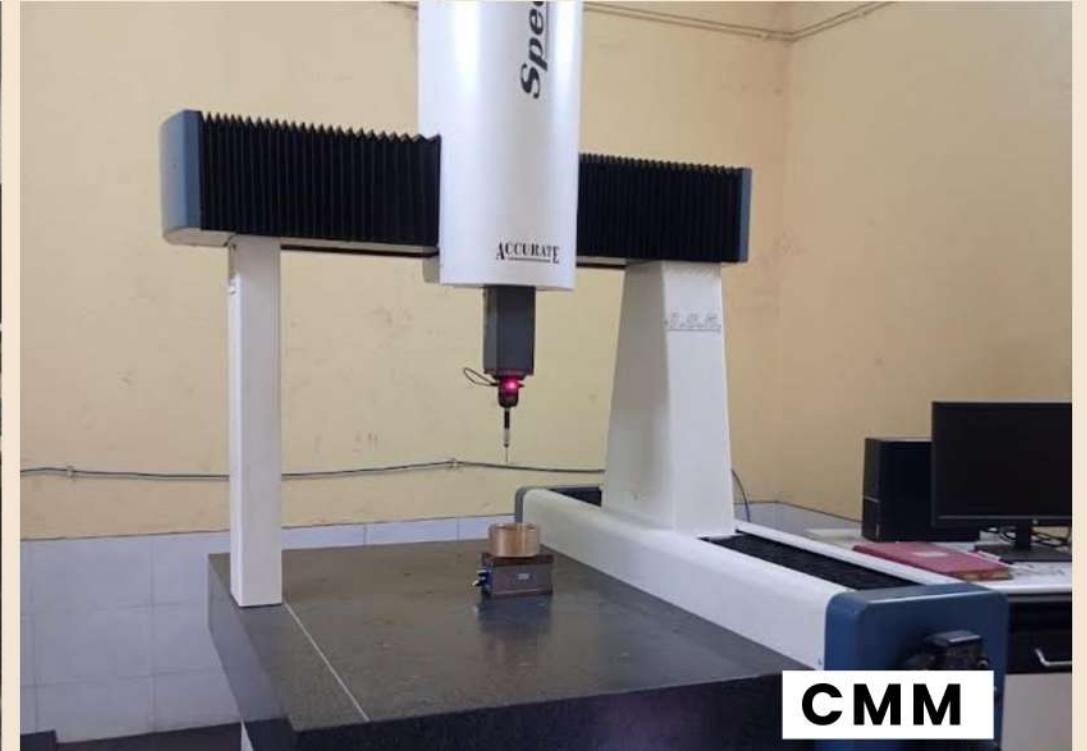




LOAD TEST



DIGITAL UTM



CMM



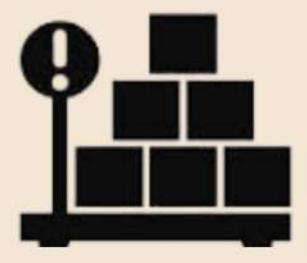
CHEMICAL TESTING



SPECTRO MAX



- **Design:** It is facilitated using specialized software platforms: DELCAM, SolidWorks, CREO Parametric, and AutoCAD.



- **Lab:** Comprehensive Material Analysis & Mechanical Testing: Our laboratory is equipped with a Spectromaxx 2-channel spectrometer (with wet lab) for chemical analysis, a computerized image analyzer for microstructure, and computerized Universal Testing Machine (UTM) and Brinell Hardness Tester for precise tensile, elongation, and hardness assessments.



- **Robust Load Testing:** We conduct high-capacity load testing, capable of handling forces up to 1500 kN.



LOAD TEST

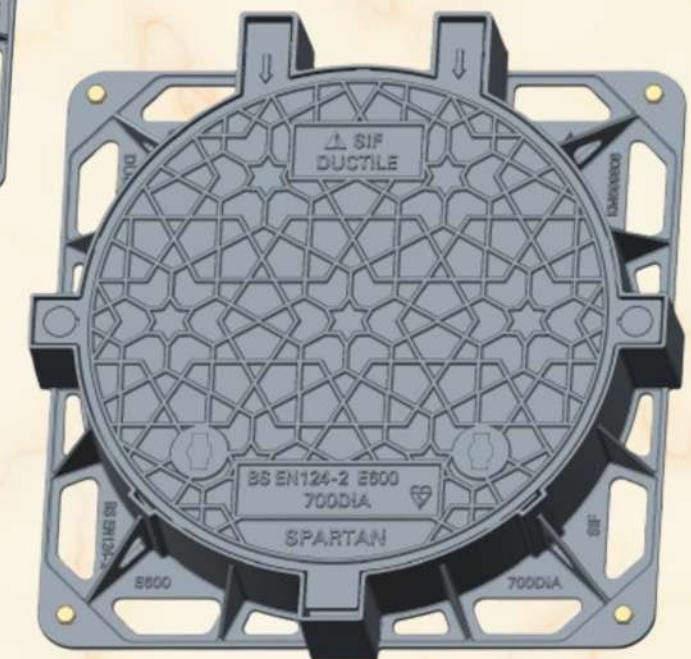
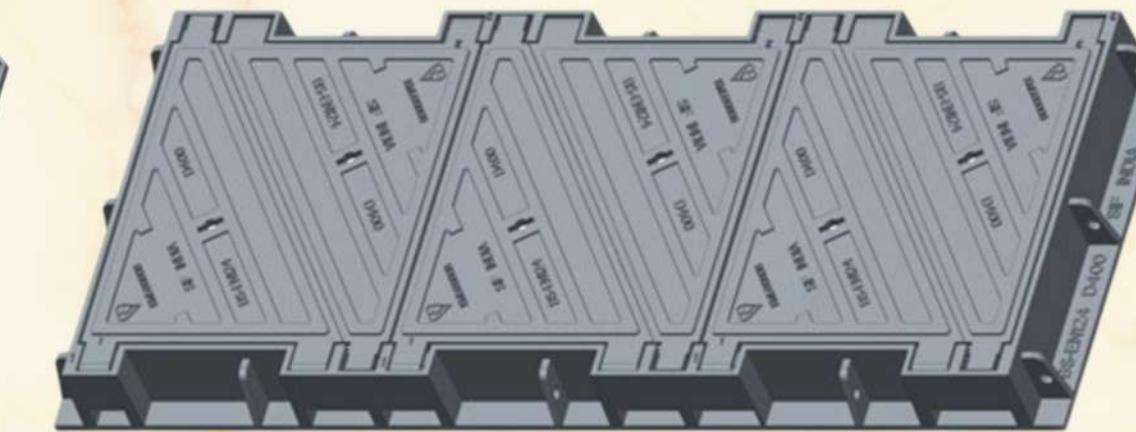
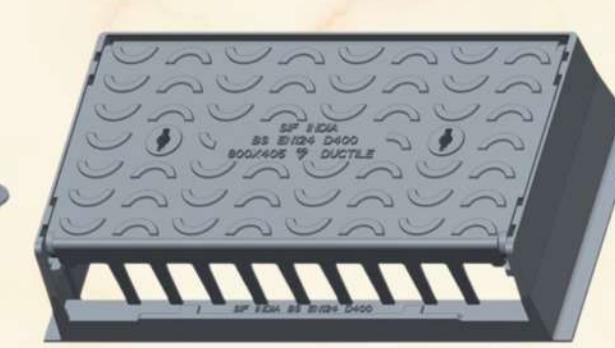
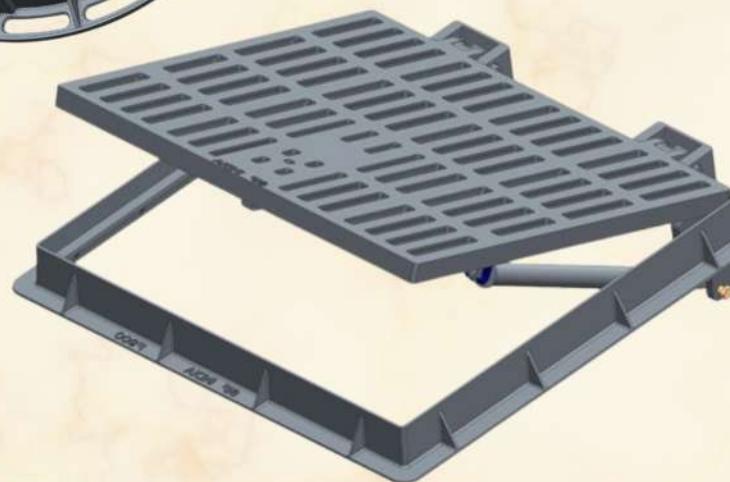
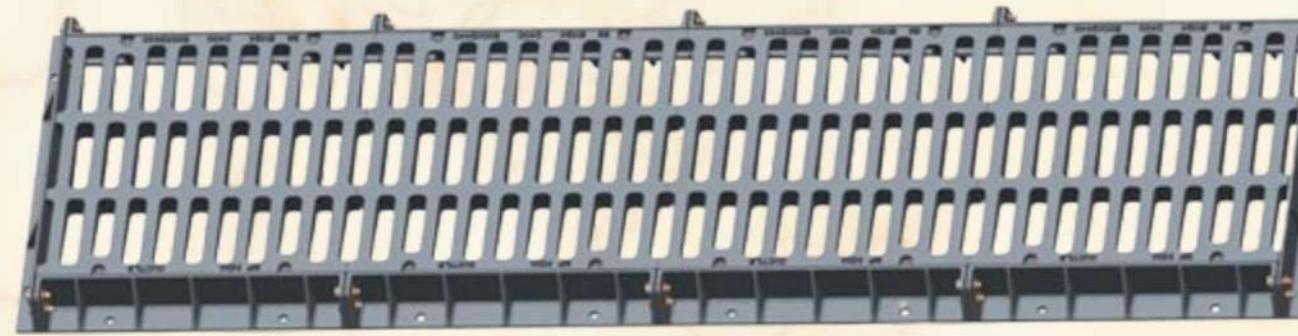
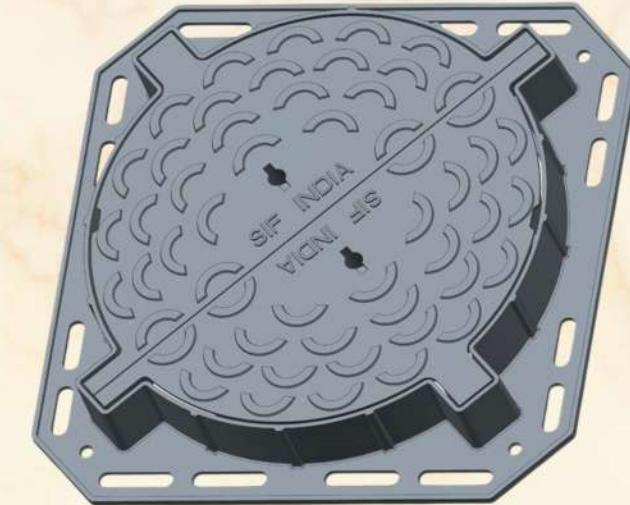
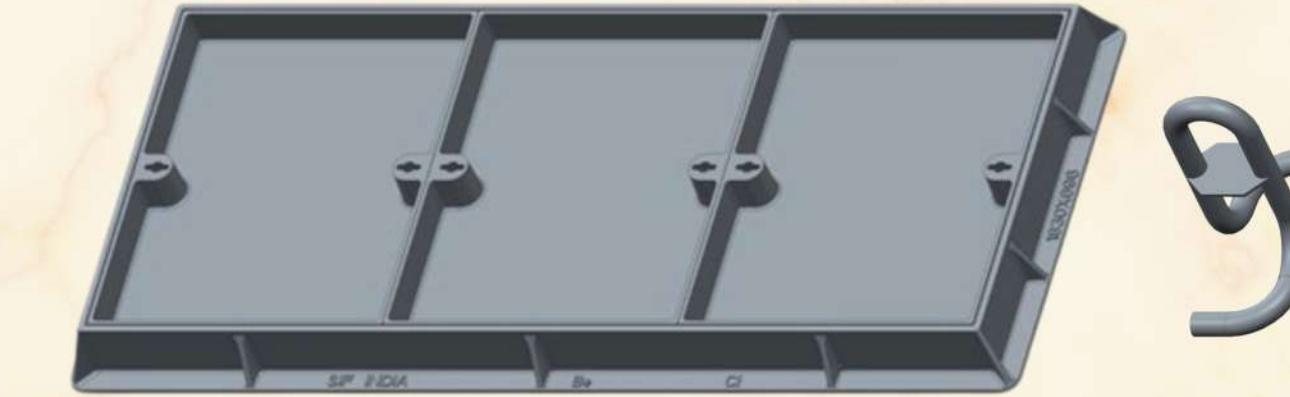
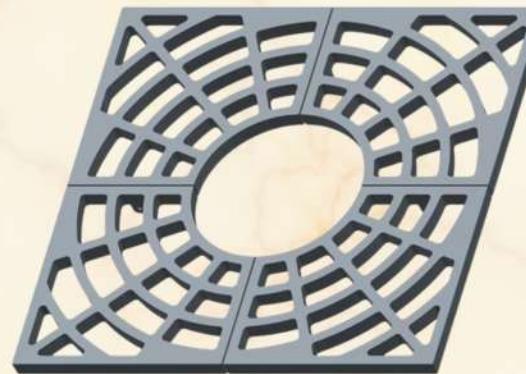


METALLURGY



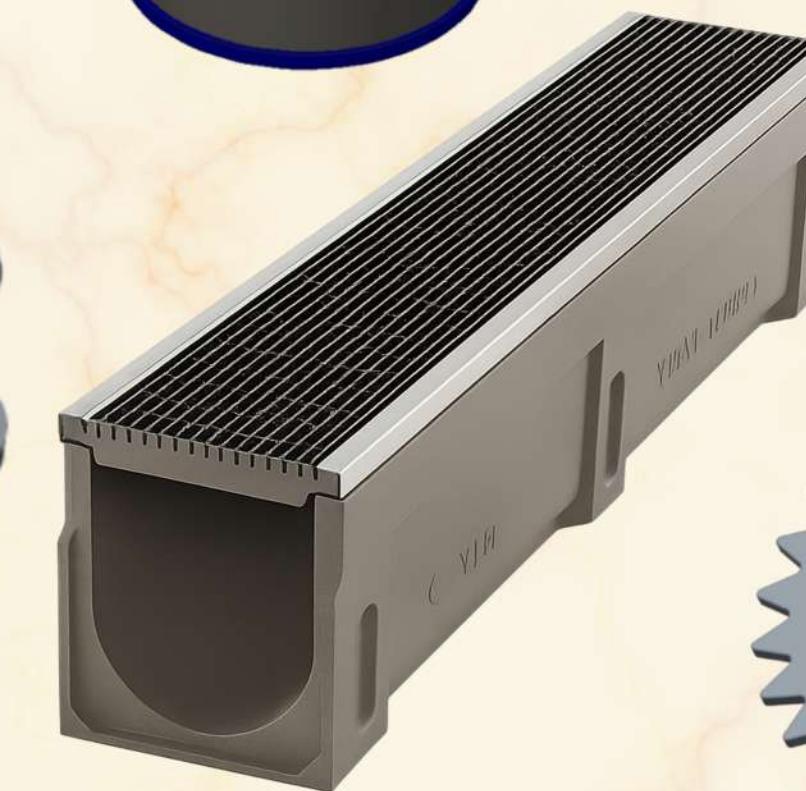
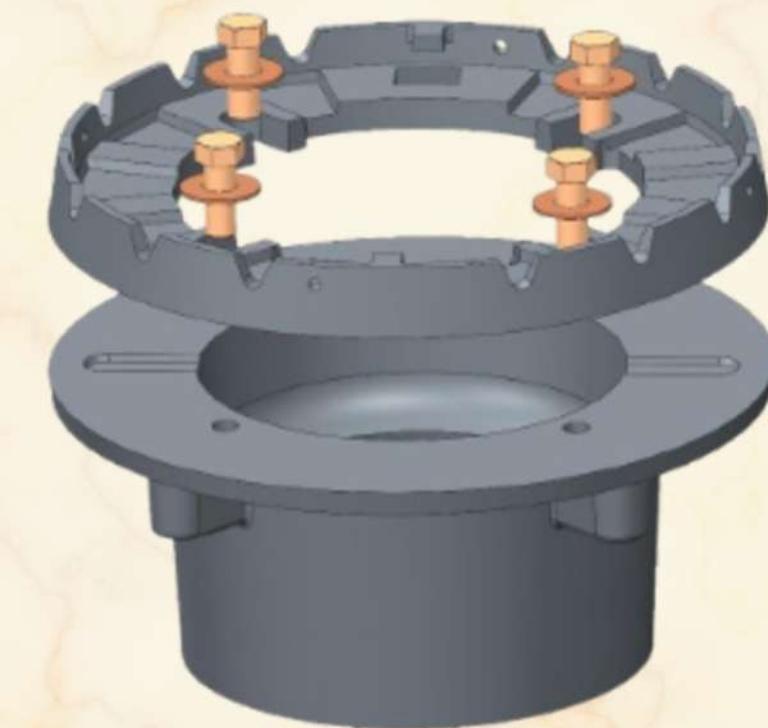
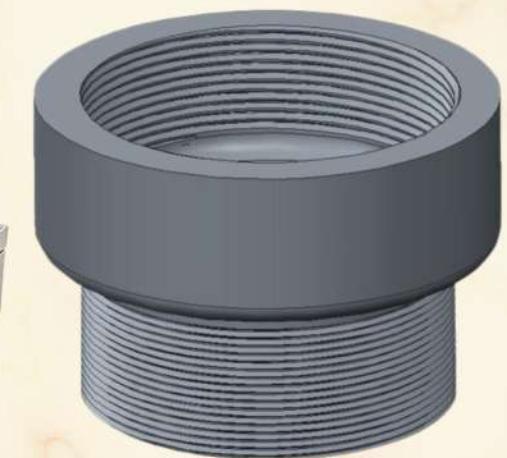
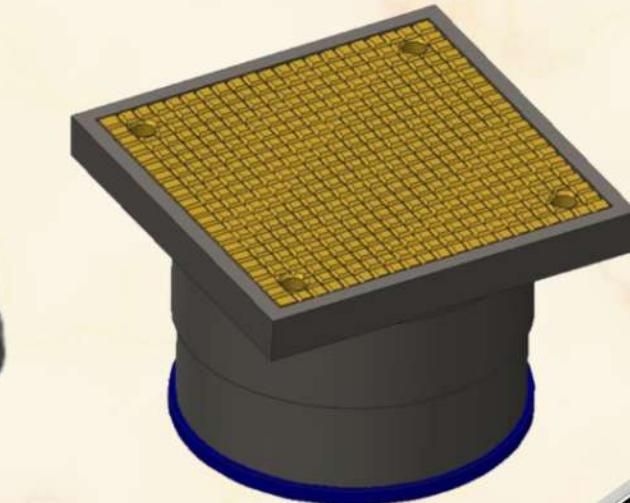
LAB

• MANHOLE COVER & FRAME • TREE GRATES • CHANNEL GRATINGS • KERB GULLY • MULTIPART ACCESS COVERS



• TELECOM COVERS • MANHOLE FRAMES & GRATES • MULTIPART COVERS RAILS • SURFACE BOXES • ACCESSORIES

• FLOOR DRAIN • ROOF DRAIN • PARKING DRAIN • SHOWER DRAIN • GREASE SEPARATOR



• STAINLESS STEEL • PIPE FITTINGS • U CHANNEL GRATING • AGRICULTURAL CASTINGS



SUPER IRON FOUNDRY

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