



# LEAK-PROOF CAST (INDIA) PRIVATE LIMITED

ISO 9001:2015 | ISO 14001:2015 | ISO 45001:2018  
PED 2014/68/EU | AD 2000 MERKBLATT W0

DOCUMENT

Company Profile – Marine Industry

DATE

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## LEAK-PROOF CAST (INDIA) PRIVATE LIMITED

CORPORATE OFFICE	MANUFACTURING UNIT	MARINE OFFICE & WAREHOUSE
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## Index

1.	Introduction .....	3
2.	Our Vision, Mission & Core Values.....	4
3.	Production Facility & Capabilities.....	5
4.	In-Stock (New/Used/Re-Conditioned) Part List & Brands We Deal.....	6
5.	Quality Assurance .....	8
6.	Image Gallery .....	9
7.	Certifications.....	11
8.	Network.....	12
9.	Company Details .....	13

## 1. Introduction

LEAK-PROOF CAST (INDIA) PVT. LTD., established in the year 2005, is a leading manufacturer & supplier of Precision Investment Castings by LOST WAX process using advanced technology.

A team of young enthusiastic technocrats laid the foundation for achieving our mission and worked hard towards building the requisite infrastructure. The efforts and striving have paid rich dividends and today LEAK-PROOF CAST (INDIA) PVT. LTD. has carved out their name in the industry as a dependable manufacturing source for procurement of Investment Castings and Centrifugal Castings we are now a regular supplier to industries like Automobile, Pumps, Valves, Textile Machinery, Mechanical Seals, Electrical Switchgear, Nuclear Power etc. Apart from supplying in domestic market, we have also tapped our presence in export market of USA, Germany, UK, Italy etc.

LEAK-PROOF CAST (INDIA) PVT. LTD. is a part of the dynamic EDR GROUP of industries. The EDR GROUP, with the turnover of more than Rs. 100 Crores, known in the industry as a Power-House of technical expertise, professional excellence and undeniable trust, has proven its worth with growing time. The Group has its presence in diverse areas of engineering field, including LEAK-PROOF ENGINEERING (INDIA) PVT. LTD., pioneer in the field of Mechanical Seals in India.

The manufacturing facility, built over 8000 Square meters is equipped with most modern, efficient and reliable machines & equipment. The production team is supplemented by a well-structured Quality Assurance Department, which draws its strength from its experienced & competent team, Quality system and infrastructure, to meet the most stringent and demanding requirements.

Ferrous and non-ferrous castings confirming to ASTM, ASME, AISI, SAE, DIN, MIL, IS, BS, JIS and other international specifications can be manufactured in our facility. We have expertise to handle castings involving complex shapes; with casting weights range Up to 150 kg and linear dimensions up to 450 mm.

### **Collaboration with ASIM IMPEX**

ASIM IMPEX is a well-established company based in Bhavnagar (Gujarat, INDIA), known for its expertise in providing scrap materials for casting industries and executing turnkey projects for ship breaking. Over the years, we have developed a strong and long-term partnership with Asim Impex.

Currently, our collaboration has expanded to include the supply of marine spare parts new/used/refurbished. LEAK-PROOF CAST (INDIA) PVT. LTD. is now handling the marketing and sales efforts for these products, ensuring efficient distribution and customer service.

## 2. Our Vision, Mission & Core Values

### **Vision:**

“Become a leader in Investment & Centrifugal Casting by offering quality products through constant technology enhancement”

### **Mission:**

- Technological enhancement through upgraded machinery and instruments
- Continual talent development for capability enhancement to accept any challenge
- Develop a long-term business relationship with customers

### **Core Values:**

With a vision to provide the best quality products & services, we emphasis on our core values to achieve everlasting customer relation. Our core values are;

- Superior Engineering Expertise
- World Class Quality Assurance
- High Precision Casting Process
- On-time Deliveries

### 3. Production Facility & Capabilities

Our state-of-the-art production facility is capable to deliver the production team of LEAK-PROOF CAST is equipped with proper resources and capabilities to deliver all types of steel & alloy castings as per international standards such as ASTM, AISI, SAE, MIL, IS, BS, DIN, JIS, etc.

➤ **PRODUCTION FACILITY**

- Production Capacity: 100 Tons per Month
- Current Production Level: 50 Tons per Month
- Induction Furnace Sizes: 350 kg & 200 kg
- Built-up Manufacturing Facility: 8000 Square Meters
- Items Developed: 3000+
- Number of Employees: 120

➤ **ALL TYPES OF STEELS & ALLOYS**

CF8, CF8M, CF3, CF3M, CF8C, WCB, WCC, LCC, LCB, WC6, WC9, C5, C12A, CA15, CN7M, 4A, 5A, 6A, CK3MCUN, CW12MW, CW6MC, CW6M, CX2MW, CW2M, CY40, CD4MCu, Cu5MCu, CA6NM, CA15, Monel Grades like M-35-1, M-35-2, HRCS Grades like ASTM A297: HF, HH, HI, HK, HE, HT, HU, HW, HX, HC, HD, HL, HN, HP, HH2, HK40, HP-40Nb, HP-40 Ti; Hi-Chrome, Ni-Hard etc.

➤ **INVESTMENT CASTING CAPABILITY**

- Maximum Size: 550 mm
- Single Piece Weight Range: 20 grams to 150 Kgs

➤ **CENTRIFUGAL CASTING CAPABILITY**

Casting Type	Parameter	Size (mm)	
		Minimum	Maximum
Horizontal Centrifugal Casting	Length	600	1600
	Outside Diameter	80	600
	Inside Diameter	60	580
Vertical Centrifugal Casting	Length	100	600
	Outside Diameter	100	500

## 4. In-Stock (New/Used/Re-conditioned) Part List & Brands We Deal

### 4.1. 2 STROKE ENGINE

#### In-stock Parts List

- Exhaust Valve
- Piston
- Piston Rod
- Stuffing Box
- Cross Head
- Connecting Rod
- Fuel Pump
- Cylinder Liner
- Cylinder Cover
- Crankshaft
- O-Rings

#### Brands Spares we deal

- **Sulzer**
  - RTA38, RTA48T, RTA58, RTA,62, RTA,76, RTA84
- **MAN B&W**
  - L35 MC, S35 MC, L42 MC, L50 MC, S50 MC, S50 MC-C, L60 MC, S60 MC, S60 MC-C, L70 MC, S70 MC, S 70MC-C, S80 MC, S80 MC-C, K90 MC

### 4.2. 4 STROKE ENGINE

#### In-stock Parts List

- Cylinder Head
- Cylinder Liner
- Piston
- Connecting Rod
- Fuel Pump
- Camshaft
- Crankshaft
- Jacket Water Pump
- Inlet & Exhaust Valve
- Lubricating Oil Pump
- Main Bearing Pair
- Cylinder Block Frame
- O-Rings

#### Brands Spares we deal

- **WARTSILA**
  - L20, L26, L32, R25
- **MAK**
  - M282, M453, M552, M601, M20, M25, M32
- **MAN B&W**
  - 16/24, 20/27, 21/31, 23/30, 28/32, 27/38, 32/40, 48/60, 58/64
- **YANAMR**
  - S185, S165, T260, T240, T220, M220, M200, N165, N330, N280, N260, N21, N18, EY26, EY22, EY18
- **DAIHATSU**
  - DC, DK, DL, DS
- **HIMSEN**
  - H21/32, H25/33, H32/40
- **BERGEN**
  - KRG/KVG, BRM/BVM, C 25:33, B 32:40, B 35:40
- **SULZER**

- S20, 25/30, 20/24
- **SKL**
  - VDS29/24, VD26/24
- **EMD**
  - 645, 710
- **CATERPILLER**
  - ALL

#### **4.3. AIR COMPRESSOR**

##### **Brand Spares We Deal**

- SPERRE
- TANABE
- HATLAPA
- J.P SAUER
- HAMWORTHY
- TANAMR
- ATLAS CAPCO

#### **4.4. OIL PURIFIER**

##### **Brand Spares We Deal**

- ALFA LAVAL
- WESTFALIA
- MITSUBISHI

#### **4.5. HYDRAULIC MOTORS & PUMPS**

##### **Brand Spares We Deal**

- HAGGLUNGS
- REXROTH-HYDOATIK
- KAWASAKI-STAFFA
- MITSUBISHI
- IHI
- ULSTAIN- NORWINCH
- KAYABA- HDROSTAR

#### **4.6. REFRIGERATION COMPRESSOR**

##### **Brand Spares We Deal**

- SABROE
- CARRIER
- DAIKIN
- MITSUBISHI
- BITZER
- BOCK
- STAL
- YORK

#### **4.7. TURBO CHARGER**

##### **Brand Spares We Deal**

- ABB
- MAN B&W
- MITSUBISHI
- NAOIER
- IHI
- KBB
- HOLSET

## 5. Quality Assurance

LEAK-PROOF CAST (I) PVT. LTD. has full-fledged set up to assure the quality of castings as follows;

**ANALYTICAL** – Bruker (Germany) make Q4-Tasman-Advanced-CCD-Based-Optical-Emission-Spectrometer to ensure chemical composition of the molten metal before pouring for both ferrous and non-ferrous materials.

**MECHANICAL TESTING** – Microprocessor based Universal Testing Machine for mechanical properties like Tensile Strength, Yield Strength, % of Elongation, Reduction Area with computer interface and graph charting facilities Die Penetrate Test.

Hardness Testing Machine for direct reading of Brinell, Rockwell and Vickers hardness.

**NON-DESTRUCTIVE TESTS** – Radiography, Magnetic Particle Testing, Ultrasonic Test, etc. would be out sourced from reputed external NABL Accreditation laboratories.

**OTHER TESTS** – Impact Test, Microstructure Examination, IGC Test (Corrosion Testing), etc. are also out sourced from reputed external laboratories.

In-house test facility for checking quality of wax & coating materials.

In-house instrument calibration facility with reputed external support is the key of our quality policy.



## 6. Image Gallery

➤ **2 Stroke Engine:**



➤ **4 Stroke Engine:**



➤ **Air Compressor:**



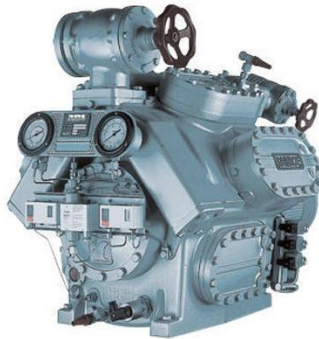
➤ **Oil Purifier:**



➤ **Hydraulic Motors & Pumps:**



➤ **Refrigeration Compressor:**



➤ **Turbo Charger:**

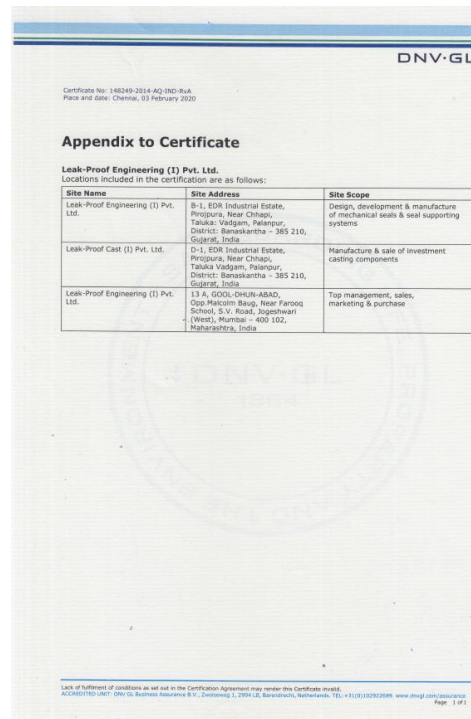


## 7. Certifications

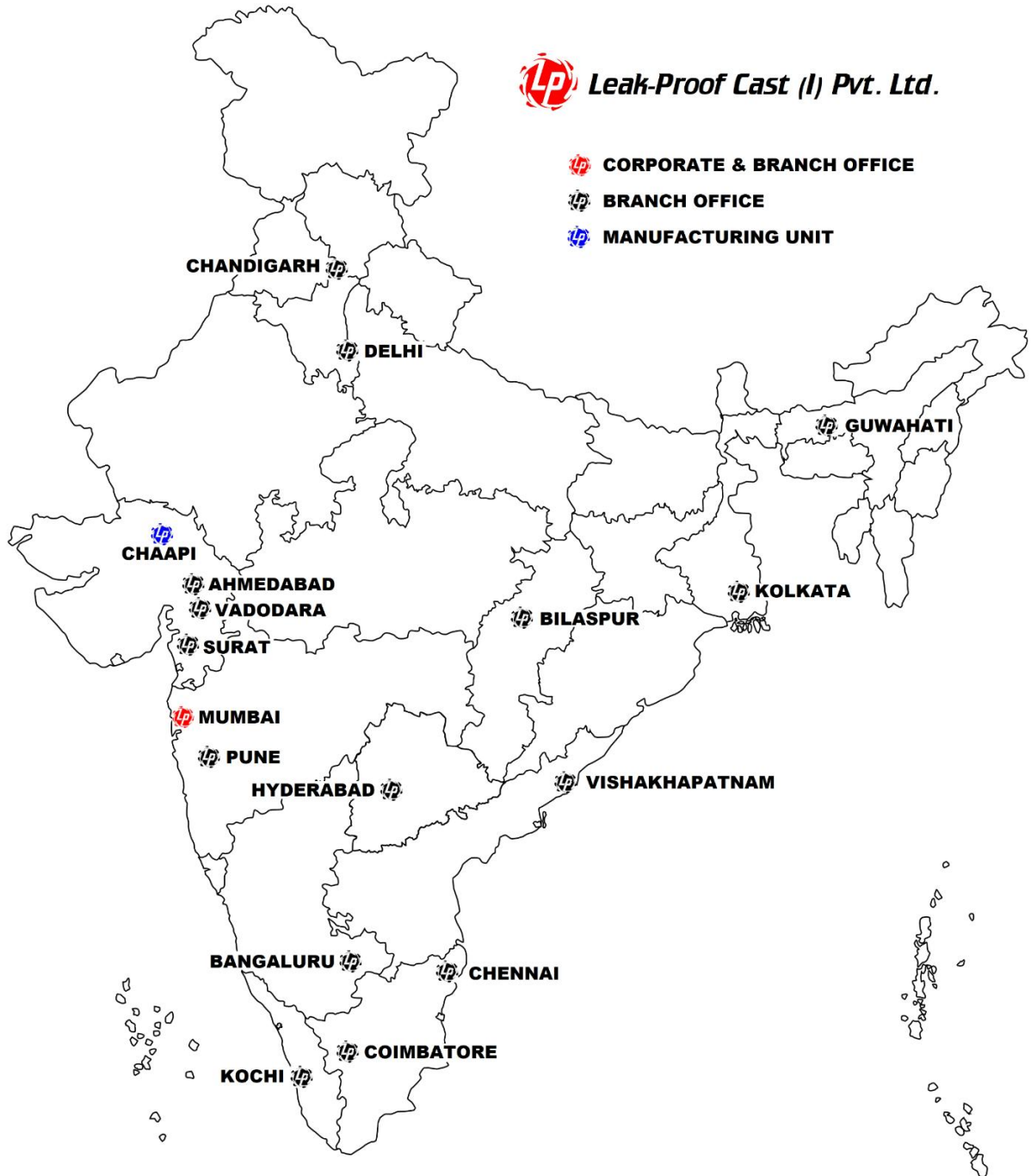
### ➤ AD 2000-Merkblatt W0



### ➤ ISO 9000:2015



## 8. Network



## 9. Company Details

Company Name:	Leak-Proof Cast (India) Private Limited
CIN:	U27300MH2005PTC150638
GST Number:	24AAACU7301F1ZS
PAN:	AAACU7301F
Corporate Office:	Leak-Proof House, Pushtikar C.H.S. Ltd Patel Estate Road, Opp. Amboli Police Station Jogeshwari (West), Mumbai - 400 102, India Phone: +91 22 2679 7771, 7773
Manufacturing Unit:	Block D, EDR Industrial Estate, Pirojpura, Near Chhapi, Taluka Vadgam, District Banaskantha, North Gujarat – 385 210, INDIA. Phone: +91 2739 270151, 52
Marine Office:	Plot No 246, VIP Industrial Estate, Kumbharwada Moti Talav road, Bhavnagar, Gujarat – 364 001, INDIA Phone: +91 98795 24900
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