

ALUCAST® 2024

INTERNATIONAL EXHIBITION & CONFERENCE - ALUMINIUM DIE-CASTING
5-7 DECEMBER 2024 | YASHOBHOOMI, IICC, DWARKA, DELHI

BEST FOUNDRY AWARD NOMINATION FORM



NOTE

- This award nomination is for Aluminium Foundries established in calendar year 2023 or earlier
- One award in each of the four categories: (a) Micro (b) Small (c) Medium (d) Large Scale
- Die casting processes – Pressure die casting and Gravity / LPDC
- The foundries must possess ISO or similar Quality certification
- Please print using black ink

SUBMISSION DATE & CONTACT

- Submission date of the form on or before **25th October 2024**
- Form to be submitted on email: alucastindia@alucast.co.in cc: abhinav.bhardwaj@nm-india.com

ENTRY FORM

Foundry's Name

Address

.....

Phone Fax

Email Website

..... www.alucastexpo.com

Name of Managing Director / Managing Partner / Proprietor **

.....

Name and Position of Authorized Person **

.....

Ownership Nationality - Indian Yes No

ISO/other certification.....

Export oriented unit? Yes No

% of output exported.....

(Signature of Authorized Person)

** Please attach Business Cards of Head of Organization & Authorized Signatory

Nomination Particulars

1. Information against the following parameters to be furnished for last F.Y. 2023-24 (wherever applicable)
2. Answers to all the sub- points against each parameter to be clearly furnished
3. The data provided should be reliable and is subject to verification
4. Please be assured that the data provided by nominees will be treated as confidential

General Information

- Micro, Small, Medium or Large Industry
- Are you a Custom Die caster or Captive Die caster?
- Year of Incorporation
- Limited/Pvt. Ltd. /Partnership or Proprietorship
- Total number of employees as of 30-6-2024

PLEASE PROVIDE A COPY OF THE QUALITY MANUAL FOR STUDY. QUALITY RECORDS ARE TO BE MADE AVAILABLE AT THE TIME OF PLANT VISIT BY THE ASSESSOR NOMINATED BY ALUCAST.

1. PRODUCTION / MAINTENANCE

- Tonnage of castings dispatched per month/per annum during 2020-21, 2021-22 and 2022-23)
- Details of Machinery installed, during 2020-21, 2021-22 and 2022-23, including manufacturer, year of manufacture and commissioning. PROVIDE A COPY OF THE MACHINERY LIST.
- Details of peripheral equipment /machinery used in production.

LIST OF CAPITAL ITEMS OF PLANT & EQUIPMENT

- Minimum and maximum weights of castings produced.
- Details of Mould heating/cooling procedures at start-up and during production.
- Details of facilities available in-house for post-production processes like Trimming presses, Vibro-finishing, Shot-blasting etc.
- Details of Maintenance plans practiced for Plant & Machinery.
- Degree of automation of casting process and post casting operations.

2. PROCESS CONTROL

- Details of production/process planning methods used.
- Details of any software used to monitor Design of Moulds etc.
- Practices followed for effective process controls – please attach samples of formats in use.
- Material and product identification procedures.
- Procedure for control of documents.
- Procedure for handling confidential documents.
- Whether any automation is practiced.

3. MARKETING, COSTING & TURNOVER

- Turnover (in Million Rupees) per annum for the last three years (2020-21, 2021-22 and 2022-23).
- Capital Outlay. Please indicate investment made for expansion in the last 3 years.
- Turnover per employee per year.
- Expected investment in expansion plans over the next 3 years along with Road map
- Tonnage of castings dispatched per employee per annum.
- What are the exports (if any) as a percentage of the Total Turnover and Total tonnage dispatched per annum for the last 3 years?
- Details of RFQ to business – hit rates (success rates)
- Communication facilities available.
- Details of Cost Bench-marking practiced.
- Please capture with facts and figures in less than 150 words your business growth since inception

4. QUALITY & QUALITY ASSURANCE

- Please provide data for the last 3 years on average in-house rejections and customer returns in PPM / percentages per annum.
- Details of Continuous improvement practices used.
- Details for handling customer complaints & data on responses (time-line) for last 3 years.
- Details of Awards, Citations received from Customers (buyers) & customer satisfaction reports over the last 3 years.
- Details of Quality certifications obtained and their validity. (Pl attach photo-copy of Certificate)
- Procedure for Storage and disposition of Rejected materials.
- Calibration of Instruments and equipment.
- Material handling & Storage practices.
- Procedures to establish traceability.

5. MELTING PRACTICE

- Details of type and number of furnaces used including temperature controls and measurements.
- Details of various Al alloys used. LIST OF ALLOYS USED & THEIR COMPOSITION.
- Details of In-house laboratory – if any; with list of equipment.
- Details of peripheral equipment for efficient melting and quality practices.
- Current methodology for De-gassing and cleaning of molten metal and any additional significant processes used.

6. TOOLING DEVELOPMENT & DESIGN

- Details of in-house Tool Room (if any) with list of machinery and equipments available.
- If Tool development is sub-contracted, name and address of Vendors used and their Quality certifications available.
- Details of software available in-house for tooling aids in Design and flow-simulation.

- Does your organization practice CAD-CAM manufacturing procedures? If so, please provide details of tooling development procedures.

7. TECHNOLOGY INNOVATIONS

- Details of any technological innovations and best practices in your plant unique to your industry.
- Detail any one casting produced in your plant that has been the most technically challenging. (Please attach a digital picture of the casting).

8. TRAINING

- Detail the Training plan and activities in place.
- Details of man-hours utilized for Training per annum over the last 3 years.
- Do you have an in-house Training department or do you use external facilitators.

9. MANPOWER

- Please provide an Organization chart separately for the following departments.
A) Production & Planning, B) Quality Assurance, C) Tooling & Design, and D) Maintenance.
- Details of total strength of organization – Technical & Other staff. (REFER QUALITY MANUAL)

10. ENVIRONMENT & SAFETY

- Details of Effluent/Process waste treatment.
- Proof of meeting environmental requirements.
- House-keeping practices.
- Safety procedures in practice.
- Detail any innovations in Energy savings and environment protection procedures practiced in your plant.

11. SUMMARY

- In less than 150 words, please tell us why your organization merits this award.

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Date

Signature of authorized person

SEND YOUR ENTRIES TO:



Aluminium Casters Association (ALUCAST)

702, Amar Neptune, Baner Road, S.No.6/1/1, Plot No. 45, 46A, 46B
Pune 411045 , Maharashtra

YOUR CONTACTS:

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