



PARTNER IN PROGRESS
FOR ALUMINIUM AND
DIE CASTING INDUSTRY



BEST FOUNDRY AWARD 2018

SMALL • MEDIUM • LARGE

PRESSURE DIE CASTING • GRAVITY • LPDC PROCESS FOUNDRY

NOMINATION FORM

NOTE:

1. This award nomination is for Aluminium Foundries established in calendar year 2013 or earlier.
2. (Three Categories for Awards are) **ONE AWARD IN EACH OF THE THREE CATEGORIES**
(a) Small Scale and (b) Medium (c) Large Scale.
3. Die casting processes – Pressure die casting and Gravity / LPDC
4. The foundries must possess ISO or similar Quality certification
5. Please print using black ink

Submit completed form to ALUCAST on or before 31 OCTOBER 2018

Foundry's Name:

Address:

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Phone: **Fax:**

Email: **Website:**

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 financial Year for F.Y. 2017-18** (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:

- Small or 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 30-6-2018.

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 2015-16, 2016-17 and 2017-18)
- Details of Machinery installed, during 2015-16, 2016-17 and 2017-18 , 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 (2015-16, 2016-17 and 2017-18).
- 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 AND 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. TECHNOLOGICAL 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.

Date

Signature of authorized person

Entries should be sent to:**Aluminium Casters Association of India**

702, Amar Neptune, Baner Road,
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