

PART-B

Details of In-House R&D

1. Location of the R & D unit
2. Main objectives of the R&D Program
3. Whether R&D establishment is housed in a separate building inside/outside the factory premises?
4. List of major R&D equipment procured:
 - (a) Value of indigenous R&D equipment, as on date
 - (b) Value of imported R&D equipment, as on date
 - (c) Value of the pilot plant facilities, if applicable
 - (d) Cumulative value of all R&D assets, as on date
 - (e) Gross cumulative value of all quality control and testing facilities/equipment (other than R&D facilities), as on date.
5. Do you have a full time R&D Director/Head? if so,
 - (a) Name & Designation
 - (b) Qualification
 - (c) Experience
 - Date of appointment to the post
 - Contact Nos (Telephone, Mobile, Fax and Email)
6. Details of R&D achievements made during the past 3 years:
 - (a) New products developed
 - (b) New processes developed
 - (c) Improvement in existing production process(s)
 - (d) Energy conservation
 - (e) Pollution control
 - (f) Import substitution (indicate items developed and foreign exchange earned).
 - (g) Seminars/symposia attended by R&D staff (attach a separate sheet giving details)
 - (h) Number of papers published (attach reprints if available)
 - (i) Number of R&D personnel who attended R&D training (Give details in a separate sheet).
7. Patents filed in India or abroad during the last 3 years:

| S. No | Products/ Process | Names of the company | Year | Patent No. |
|--------------|--------------------------|-----------------------------|-------------|-------------------|
| 1 | 2 | 3 | 4 | 5 |
| | | | | |

8. Whether any of the new technologies developed by the company have been

- (a) Commercialised by the company

| S. No | Technology | Year of commercialization |
|--------------|-------------------|----------------------------------|
| 1 | 2 | 3 |
| | | |

- (b) Exported

| S. No | Technology | Year | Exported to |
|--------------|-------------------|-------------|--------------------|
| | | | |

| | | | | |
|---|---|---|--------------|----------------|
| | | | Party | Company |
| 1 | 2 | 3 | 4 | 5 |
| | | | | |

(c) Sold to other parties in India/abroad

| | | | |
|--------------|-------------------|-------------|--------------|
| S. No | Technology | Year | Party |
| 1 | 2 | 3 | 4 |
| | | | |

9. Give particulars of R&D projects in progress.

10. Details of grants-in-aid/ fund/ loan/ equity received from R & D programmes/ commercialization of technologies from any central/ State Govt. Department(s) during the last three years

11. Educational status of the manpower engaged in R&D:

| Qualification | Full-Time (Number) | Part-Time (Number) | Proposed Recruitment of R& D manpower in next three Years |
|-------------------------------------|---------------------------|---------------------------|--|
| a) Doctorate Degree | | | |
| b) Master's Degree | | | |
| c) Graduates/ Engineering Graduates | | | |
| d) Diploma Holders | | | |
| e) Other | | | |
| Total | | | |