**ATFD QUESTIONNAIRE**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Company Name | |  | | | |
| Company address | |  | | | |
| Contact Person | |  | | | |
| Email ID | |  | | | |
| Phone Number | |  | | | |
| GST Number | |  | | | |
| **Sr. No.** | **REQUIRED DATA** | | **UNIT** | | **TO BE FILLED** |
| 1 | Feed | | kg/hr | |  |
| 2 | Name | |  | |  |
| 3 | Type of feed | | liquid | |  |
| 4 | Feed Component | |  | |  |
| 5 | Type of solids suspended or dissolved | |  | |  |
| 6 | Specific heat of Feed | | Kcal/kg ⁰ c | |  |
| 7 | % of solids in feed | | % | |  |
| 8 | % of solids in product | | % | |  |
| 9 | Evaporation Capacity Required | | kg/hr | |  |
| 10 | Feed Inlet Temperature | | ⁰C | |  |
| 11 | boiling Temperatures | | ⁰C | |  |
| 12 | Components to be removed | |  | |  |
| 13 | Viscosity of feed | | Cp | |  |
| 14 | Viscosity of product | | Cp | |  |
| 15 | Chemical Properties of feed | |  | |  |
| 16 | Physical properties of feed | |  | |  |
| 17 | Vapour pressure data of components to be removed | |  | |  |
| 18 | vapour pressure & temperature chart | |  | |  |
| 19 | Boiling Point Elevation for product. | | ⁰C | |  |
| 20 | Viscosity Temperature Graph | |  | |  |
| 21 | Density data | |  | |  |
| 22 | Material of Construction | | SS 304/316/### | |  |
|  | **Utility** | |  | |  |
| 23 | Steam | | Bar g | |  |
| 24 | Cooling Water Inlet Temperature | | ⁰C | |  |
| **Range Of Equipment:** | | | | | |
| -Multiple Effect Evaporator  -ATFD | | | | -Spray Dryer | |