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|  | Questionnaire Data Sheet for engineering of Heat Exchanger |  |

The answers to the questions marked with the asterisk — \* are obligatory, other answers are desirable.

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| --- | --- |
| Customer company name | \* |
| Customer representative name | \* |
| Contact details (tel., e-mail, web-page) | \* |
| Date | \* |

1. **Operational parameters**

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| --- | --- | --- | --- |
| **№** | **Name** | **Heating medium (heat transferred from)** | **Heated medium**  **(heat transferred to)** |
| 1 | Medium (Liquid, air, gas) | \* | \* |
| 2 | Inlet Temperature,°C | \* | \* |
| 3 | Outlet Temperature,°C |  | \* |
| 4 | Volume flow rate, nm³ or m³/hr | \* | \* |
| 5 | Inlet pressure, mm wg |  |  |
| 6 | Pressure drop, mm wg |  |  |
| 7 | Presence of SO2 or SO3 (yes, no, no data) |  |  |
| 8 | Dustiness of inlet flow, g/nm³ (yes, no, no data) |  |  |
| 9 | Humidity, g/kg or g/m³ |  |  |
| 10 | Is process cyclical? (yes, no, no data) |  |  |

**2. General questions**

|  |  |  |
| --- | --- | --- |
| **№** | **Name** | **Data** |
| 11 | Name and description of technological process where the heat exchanger will be used. |  |
| 12 | Place of installation of the heat exchanger (description, layout with dimensions, photos). |  |
| 13 | Sizes of flanges or other connecting elements of inlet and outlet tubes. |  |
| 14 | Are there any restrictions on dimensions? (width, depth, height). |  |
| 15 | Heat exchanger operating mode (one-shift per day, two-shifts, continuous). |  |
| 16 | Desired direction of movement of the medium (counter, cross, consonant). |  |
| 17 | Is there an existing heat exchanger or was there a heat exchanger installed previously?  If yes, what are its present characteristics (dimensions, weight, advantages/disadvantages, technical characteristics). |  |
| 18 | Where the heating medium will be taken from (indoor premises or from the street? |  |
| 19 | The purpose of the heated medium?  Where will it be released? |  |
| 20 | Is installation required? |  |
| 21 | Will you require thermal insulation material supplied together with the heat exchanger? Or will insulation material be installed by yourself? |  |
| 22 | Required quantity of heat exchangers? |  |
| 23 | Required delivery time? |  |
| 24 | How did you find out about our company? |  |

Please send the questionnaire to the following address: [central@recuperators.in](mailto:central@recuperators.in)