

**STEAM CONDENSER SPECIFICATION SHEET**

|                        |                        |
|------------------------|------------------------|
| <i>Company name:</i>   | <i>Postal address:</i> |
| <i>Contact person:</i> |                        |
| <i>Phone No.:</i>      |                        |
| <i>Cell phone No.:</i> | <i>Email:</i>          |
| <i>Fax No.:</i>        | <i>Web address:</i>    |
| <i>Item No.:</i>       | <i>Quantity:</i>       |

| General                                 |  |                                         |  |
|-----------------------------------------|--|-----------------------------------------|--|
| Condenser type(surface/direct contact): |  | Installation (vertical /horizontal) **: |  |
| Condensation(tube side/shell side) **:  |  |                                         |  |
| Operating Conditions                    |  |                                         |  |
|                                         |  |                                         |  |
| Hot side                                |  |                                         |  |
| Steam inlet flow rate *(kg/h):          |  | Non-condensable (Air) flow rate*(kg/h): |  |
| Inlet temperature*(°C):                 |  | Outlet temperature*(°C):                |  |
| Operating pressure*(barg):              |  | Fouling factor **:                      |  |
| Max. allowable pressure drop ** (barg): |  |                                         |  |
| Cold side                               |  |                                         |  |
| Cooling water flow rate(m³/h):          |  |                                         |  |
| Inlet temperature*(°C):                 |  | Outlet temperature(°C):                 |  |
| Max. allowable pressure drop ** (barg): |  | Fouling factor **:                      |  |

Date:

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| Construction and Material         |  |                                             |  |
|-----------------------------------|--|---------------------------------------------|--|
| General                           |  |                                             |  |
| No. of units in parallel:         |  | No. of units in series **:                  |  |
| TEMA type **:                     |  | Design code:                                |  |
| TEMA class **:                    |  | Sacrificial Anodes(zinc/ magnesium/No):     |  |
| Shell side                        |  |                                             |  |
| Design Pressure(barg):            |  | Design Temperature(°C):                     |  |
| Corrosion allowance(mm):          |  | No. of passes **:                           |  |
| Inlet connection (Size& Rating) : |  | Intermediate connection<br>(Size& Rating) : |  |
| Outlet connection (Size&Rating) : |  |                                             |  |
| <b>Construction Materials *</b>   |  |                                             |  |
| Shell:                            |  | Internals:                                  |  |
| Other:                            |  |                                             |  |
| Tube side **                      |  |                                             |  |
| Design Pressure(barg):            |  | Design Temperature(°C):                     |  |
| Corrosion allowance(mm):          |  | No. of passes **:                           |  |
| Inlet connection (Size& Rating) : |  | Intermediate connection<br>(Size&Rating) :  |  |
| Outlet connection (Size&Rating) : |  |                                             |  |
| <b>Construction Materials *</b>   |  |                                             |  |
| Tubes:                            |  | Tube sheets:                                |  |
| Others:                           |  |                                             |  |

\*Mandatory

\*\* For Shell &amp; Tube condenser

**COMMENTS:**