**Technical Specifications : Vapour Absorption CHILLER**

|  |  |  |  |
| --- | --- | --- | --- |
| ${client} | ${client\_name} | ${version} | ${current\_version} |
| ${enquiry} | ${enquiry\_name} | ${date} | ${date\_time} |
| ${project} | ${project\_name} | ${model} | ${model\_name} |

|  |  |  |  |
| --- | --- | --- | --- |
|  | **${description}** | **${unit}** |  |
|  | **${capacity} ( + 3 %) :** | **${capacity\_unit}** | ${capacity\_value} |
|  | | | |
| **A** | **${ch\_water\_circuit} :** | | |
|  | ${ch\_water\_flow} | ${ch\_water\_flow\_unit} | ${ch\_water\_flow\_value} |
|  | ${ch\_in\_temp} | ${ch\_in\_unit} | ${ch\_in\_value} |
|  | ${ch\_out\_temp} | ${ch\_out\_unit} | ${ch\_out\_value} |
|  | ${evaporator\_passes} | No. | ${evaporator\_pass\_value} |
|  | ${ch\_pressure\_loss} | ${ch\_pressure\_loss\_unit} | ${ch\_pressure\_loss\_value} |
|  | ${ch\_conn\_dia} | ${ch\_conn\_dia\_unit} | ${ch\_conn\_dia\_value} |
|  | ${glycol} |  | ${glycol\_value} |
|  | ${ch\_glycol} % | % | ${ch\_glycol\_value} |
|  | ${ch\_fouling\_factor} | ${ch\_fouling\_factor\_unit} | ${ch\_fouling\_factor\_value} |
|  | ${ch\_max\_working\_pressure} | ${ch\_max\_working\_pressure\_unit} | ${ch\_max\_working\_pressure\_value} |
|  | | | |
| **B** | **${hot\_water\_circuit}:** | | |
|  | ${heat\_duty} | ${heat\_duty\_unit} | ${heat\_duty\_value} |
|  | ${hot\_water\_flow} | ${hot\_water\_flow\_unit} | ${hot\_water\_flow\_value} |
|  | ${hot\_in\_temp} | ${hot\_in\_temp\_unit} | ${hot\_in\_temp\_value} |
|  | ${hot\_out\_temp} | ${hot\_out\_temp\_unit} | ${hot\_out\_temp\_value} |
|  | ${side\_arm\_passes} | ${side\_arm\_passes\_unit} | ${side\_arm\_passes\_value} |
|  | ${hot\_pressure\_loss} | ${hot\_pressure\_loss\_unit} | ${hot\_pressure\_loss\_value} |
|  | ${hot\_conn\_dia} | ${hot\_conn\_dia\_unit} | ${hot\_conn\_dia\_value} |
|  | ${hot\_max\_work\_pressure} | ${hot\_max\_work\_pressure\_unit} | ${hot\_max\_work\_pressure\_value} |
|  | | | |
| **C** | **${co\_water\_circuit}:** | | |
| 1 | ${heat\_rejected} | ${heat\_rejected\_unit} | ${heat\_rejected\_value} |
| 2 | ${co\_water\_flow} | ${co\_water\_flow\_unit} | ${co\_water\_flow\_value} |
| 3 | ${co\_in\_temp} | ${co\_in\_unit} | ${co\_in\_value} |
| 4 | ${co\_out\_temp} | ${co\_out\_unit} | ${co\_out\_value} |
| 5 | ${abs\_con\_pass} | No. | ${abs\_pass\_value}/${con\_pass\_value} |
| 6 | ${co\_bypass\_flow} | ${co\_bypass\_flow\_unit} | ${co\_bypass\_flow\_value} |
| 7 | ${co\_pressure\_loss} | ${co\_pressure\_loss\_unit} | ${co\_pressure\_loss\_value} |
| 8 | ${co\_conn\_dia} | ${co\_conn\_dia\_unit} | ${co\_conn\_dia\_value} |
| 9 | ${glycol} |  | ${glycol\_value} |
| 10 | ${co\_glycol} % | % | ${co\_glycol\_value} |
| 11 | ${co\_fouling\_factor} | ${co\_fouling\_factor\_unit} | ${co\_fouling\_factor\_value} |
| 12 | ${co\_max\_working\_pressure} | ${co\_max\_working\_pressure\_unit} | ${co\_max\_working\_pressure\_value} |
|  | | | |
| **D** | **${direct\_circuit} :** | | |
|  | ${heat\_input} | ${heat\_input\_unit} | ${heat\_input\_value} |
|  | ${fuel\_type} |  | ${fuel\_type\_value} |
|  | ${calorific\_type} | ${calorific\_type\_unit} | ${calorific\_type\_value} |
|  | ${calorific\_value} | ${calorific\_value\_unit} | ${calorific\_value\_value} |
|  | ${fuel\_consumption} ( + 3% ) | ${fuel\_consumption\_unit} | ${fuel\_consumption\_value} |
|  | ${gas\_duct\_size} | ${gas\_duct\_size\_unit} | ${gas\_duct\_size\_value} |
|  | ${gas\_pressure} | ${gas\_pressure\_unit} | ${gas\_pressure\_value} |
|  | | | |
| **E** | **${electrical\_data} :** | | |
| 1. | ${power\_supply} |  | ${power\_supply\_value} |
| 2. | ${power\_consumption} | kVA | ${power\_consumption\_value} |
| 3. | ${absorbent\_pump\_rating} | kW (A) | ${absorbent\_pump\_rating\_kw\_value} (${absorbent\_pump\_rating\_amp\_value}) |
| 4. | ${refrigerant\_pump\_rating} | kW (A) | ${refrigerant\_pump\_rating\_kw\_value} (${refrigerant\_pump\_rating\_amp\_value}) |
| 5. | ${vacuum\_pump\_rating} | kW (A) | ${vacuum\_pump\_rating\_kw\_value} (${vacuum\_pump\_rating\_amp\_value}) |
| 6. | ${burner\_rating} | kW (A) | ${burner\_rating\_kw\_value} (${burner\_rating\_amp\_value}) |
|  | | | |
| **F** | **${physical\_data} :** | | |
| 1. | ${length} | ${length\_unit} | ${length\_value} |
| 2. | ${width} | ${width\_unit} | ${width\_value} |
| 3. | ${height} | ${height\_unit} | ${height\_value} |
| 4. | ${operating\_weight} | ${operating\_weight\_unit} | ${operating\_weight\_value} |
| 5. | ${dry\_weight} | ${dry\_weight\_unit} | ${dry\_weight\_value} |
| 6. | ${shipping\_weight} | ${shipping\_weight\_unit} | ${shipping\_weight\_value} |
| 7. | ${flooded\_weight} | ${flooded\_weight\_unit} | ${flooded\_weight\_value} |
| 8. | ${tube\_cleaning\_space} | ${tube\_cleaning\_space\_unit} | ${tube\_cleaning\_space\_value} |
|  | | | |
| **G** | **${tube\_metallurgy} :** | | |
| 1. | ${evaporator\_tube} |  | ${evaporator\_tube\_value} |
| 2. | ${absorber\_tube} |  | ${absorber\_tube\_value} |
| 3. | ${condenser\_tube} |  | ${condenser\_tube\_value} |
|  | | | |

${notes}:

${block\_name}

${caption\_notes}

${/block\_name}