DELTA T SYSTEMS

Tank/Jacketed Vessel Sizing Sheet

Tank Configuration

☐ Insulated  □ Covered  □ Agitated

Radius (in) ________  Height (in) ________  Capacity (gal) ________

Is There any Water Driven Off? (%) ____________________________

Temperature Control Usage

<table>
<thead>
<tr>
<th>Step</th>
<th>Type</th>
<th>Initial Temp</th>
<th>Final Temp</th>
<th>Time Span</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Heat/Cool</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Heat/Cool</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Heat/Cool</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Cooling Circuit:  □ Open (Direct Inject)  □ Closed (Heat Exchanger)

Supply Water (F/PSI):

Temp: / Pressure:

Size of Ports in Jacket:

In: / Out:

Power (Phase/Current/Voltage):

Jacket Pressure Rating (PSI):

Flowrate through Jacket (GPM):

Material Information

Type: ______________________  Amount Processed (lbs/Day): ______________________

Specific Heat of Material to be heated (BTU/(lb°F)): ______________________

(The specific heat is the amount of heat per unit mass required to raise the temperature by one degree Celsius.)

Brief Process Description: ________________________________________________

______________________________________________________________