



<b>PURCHASER/OWNER:</b>		<b>ITEM No.:</b>	
<b>SERVICE: STEAM AIR PREHEATER</b>		<b>LOCATION:</b>	
1	MANUFACTURER	BY-CAST	Rev.
2	TYPE / MODEL		
3	NUMBER REQUIRED		
4	HEATING SURFACE <span style="float:right">m<sup>2</sup></span>		
5	WEIGHT <span style="float:right">kg</span>		
6	APPROXIMATE DIMENSIONS (L x W x H) <span style="float:right">mm</span>		
<b>PERFORMANCE DATA</b>			
7	OPERATING CASE	DESIGN	
8	HEAT EXCHANGED <span style="float:right">Gcal/h</span>		
9	AIR SIDE FLOW ENTERING <span style="float:right">kg/h</span>		
10	INLET TEMPERATURE <span style="float:right">°C</span>		
11	OUTLET TEMPERATURE <span style="float:right">°C</span>		
12	PRESSURE DROP: ALLOWABLE <span style="float:right">mm WG</span>		
13	CALCULATED <span style="float:right">mm WG</span>		
14	FOULING FACTOR <span style="float:right">m<sup>2</sup>°C/W</span>		
15	STEAM SIDE: TYPE		
16	FLOW ENTERING <span style="float:right">kg/h</span>		
17	STEAM PRESSURE <span style="float:right">bar</span>		
18	INLET TEMPERATURE <span style="float:right">°C</span>		
19	OUTLET TEMPERATURE <span style="float:right">°C</span>		
20	PRESSURE DROP: ALLOWABLE <span style="float:right">bar</span>		
21	CALCULATED, <span style="float:right">bar</span>		
22	FOULING FACTOR <span style="float:right">m<sup>2</sup>°C/W</span>		
<b>CONSTRUCTION DATA</b>			
23	NUMBER OF TUBES		
24	TUBES OD / WALL THICKNESS <span style="float:right">mm</span>		
25	TUBE MATERIAL		
26	TUBES PER ROW		
27	NUMBER OF ROWS		
28	TUBE PITCH, (SQUARE / TRIANGULAR) <span style="float:right">mm</span>		
29	FINS: TYPE		
30	HEIGHT x THICKNESS x FINS DISTANCE <span style="float:right">mm x mm x mm</span>		
31	MATERIAL		
32	EFFECTIVE TUBE LENGTH <span style="float:right">mm</span>		
33	HEATING SURFACE <span style="float:right">m<sup>2</sup></span>		
34	HEADER: TYPE	D-TYPE HEADER	
35	MATERIAL		
36	CORROSION ALLOWANCE <span style="float:right">mm</span>		
37	NUMBER OF PASSES		
38	NUMBER OF HEADERS		
39	NOZZLES: IN / OUT O.D. <span style="float:right">mm</span>		
40	IN / OUT TYPE AND RATING		
<b>MISCELLANEOUS</b>			
41	MINIMUM AMBIENT AIR TEMPERATURE <span style="float:right">°C</span>		
42	SITE ELEVATION ABOVE SEA LEVEL <span style="float:right">m</span>		
43	RELATIVE HUMIDITY <span style="float:right">%</span>		
44	ACCESS DOORS: NUMBER / SIZE / LOCATION		
45	PAINTING REQUIREMENTS		
46	INSULATION (EXTERNAL)		
<b>MECHANICAL DESIGN</b>			
47	DESIGN STEAM TEMPERATURE <span style="float:right">°C</span>		
48	DESIGN STEAM PRESSURE <span style="float:right">bar (g)</span>		
<b>NOTES</b>			
49	MINIMUM DATA REQUESTED FORM CLIENT		
50			
51			

<b>STEAM AIR PREHEATER DATA SHEET</b>			
	Prepared	Verified	Approved
	ISSUE DATE:		
			SHEET: 1 OF 1