



Sea Water Reject

23832	kg/h
37.0	°C
5	bar (g)
146.15	kg/h ²

NOTE
1. LEGEND

Flow	kg/h
Temp.	°C
Press.	bar (g)
Enthalpy	kJ/kg

Sea Water IN to Effect 01

1894	kg/h
40.8	°C
2.0	bar (g)
159	kg/h ²

Sea Water IN to Effect 02

1894	kg/h
40.8	°C
2.0	bar (g)
159	kg/h ²

Sea Water IN to Effect 03

1894	kg/h
40.8	°C
2.1	bar (g)
156	kg/h ²

Sea Water IN to Effect 04

1894	kg/h
40.8	°C
2.1	bar (g)
156	kg/h ²

Vapour in 1st Effect

337	kg/h
55.0	°C
0.16	bar (g)
2800	kg/h ²

Warm Water OUT

30234	kg/h
55	°C
0.16	bar (g)
220	kg/h ²

Warm Water IN

30600	kg/h
62	°C
2.5	bar (g)
280	kg/h ²

Sea Water IN

27000	kg/h
30.0	°C
2.5	bar (g)
118.5	kg/h ²

Brine Reject

1792	kg/h
43.8	°C
3	bar (g)
188	kg/h ²

Condensate Out to Sewer Pond

337	kg/h
52.9	°C
2.9	bar (g)
221	kg/h ²

Distillate Out

1250	kg/h
41.0	°C
2.8	bar (g)
171	kg/h ²

01	Equipment, Assembly & I.P.P. and/Or.	Revision	01/07/2014
02	Design, Assembly & I.P.P. and/Or.	Checked	01/07/2014
03	Design, Assembly & I.P.P. and/Or.	Approved	01/07/2014
04	Design, Assembly & I.P.P. and/Or.	Approved	01/07/2014

Customer	M/s IIT - Madras
Consultant	A/S 399 - Madras
Project	10 m ³ /day - KANYAKUMARI
Title	PROCESS FLOW DIAGRAM
Name	2313 - P1-01
Date	24.06.2014
Drawn	AS
Checked	MS
Approved	MS
Scale	Scale
Sheet	MS
Total No. of Sheets	1
Page No. of Project	P2