

**Innovative cost effective...**

**Energy  
Saving  
Systems**



**Ravi Industries**

## **BLOW DOWN HEAT RECOVERY CONTAMINATED CONDENSATE HEAT RECOVERY UNIT**

**(FEED WATER APPLICATION)**

**A TRUE ENERGY  
CONSERVATION  
PRODUCT**



### **Advantages of Product**

- WASTE HEAT OF BLOW DOWN & CONTAMINATED CONDENSATE IS USED FOR INDIRECT PREHEATING OF BOILER FEED WATER.
- THUS IT REDUCES THE STEAM CONSUMPTION IN DEAERATOR .
- AVOID THE LOSS OF WATER DUE TO BLOW DOWN FLASH STEAM.
- PAY BACK OF SYSTEM IS AS LOW AS SIX MONTH.
- AVOID VISIBILITY OF FLASH STEAM IMPROVES ENVIRONMENT
- FEASIBILITY APPLIES FROM 5 TPH BOILER & ABOVE.

## **BLOW DOWN HEAT RECOVERY UNIT**

**(FURNACE OF PRE HEATING APPLICATION)**

**A TRUE ENERGY  
CONSERVATION  
PRODUCT**



### **Advantages of Product**

- WASTE HEAT OF BLOW DOWN IS USED FOR INDIRECT PREHEATING OF FURNACE OIL.
- THUS IT REDUCES THE STEAM CONSUMPTION / ELECTRICAL LOAD FOR FURNACE OIL PREHEATING.
- AVOID THE LOSS OF WATER DUE TO BLOW DOWN FLASH STEAM.
- PAY BACK OF SYSTEM IS AS LOW AS SIX MONTH.
- AVOID VISIBILITY OF FLASH STEAM, IMPROVES ENVIRONMENT.
- FEASIBILITY APPLIES FROM 1 TPH BOILER & ABOVE.

## THERMAL DEAERATOR



### Advantages of Product

- USED FOR REMOVAL OF DISSOLVED OXYGEN FROM BOILER FEED WATER.
- GUARANTEED OXYGEN REMOVAL UPTO 0.007PPM.
- VIBRATION FREE PERFORMANCE.
- DESIGNING, MANUFACTURING, TESTING, AS PER AS ME SECTION VIII DIVISION I . (LATEST AMENDMENTS)
- MANUFACTURING CAPACITY FROM 1m<sup>3</sup>/hr TO 250m<sup>3</sup>/hr DEAERATION.

## ONE OF THE BIGGEST THERMAL DEAERATOR



4 MTR DIA X 13 MTR LONG SINGLE PIECE 20 TONS DEAERATOR

## LP-HP-COOLING TOWER DOSING SYSTEM

(COMMON SKID MOUNTED UNIT)



### Unique Features of Common Dosing System

- › L.P. DOSING SYSTEMS - LOW PRESS DOSING TO DEAERATOR.
- › H.P. DOSING SYSTEMS - HIGH PRESSURE DOSING TO STEAM DRUM.
- › COOLING TOWER DOSING SYSTEMS - CHEMICAL DOSING TO COOLING TOWER.

### Advantages of Product

- › PROVIDES EASE IN OPERATION, MAINTENANCE, INSTALLING ELECTRICAL WIRING & INSTRUMENTATION.
- › REDUCES SPACE REQUIREMENT & LABOUR ATTENDANCE.
- › ALSO COUPLED WITH ADDITIONAL FEATURE OF COOLING TOWER CHEMICAL DOSING.
- › A WIDE RANGE OF DOSING FROM 1 LPH-1000 LPH & PRESSURE FROM 3 BAR TO 300 BAR.

### OUR OTHER PRODUCT RANGE

- › ENERGY EFFICIENT HOT BATHS FOR SURFACE PRE-TREATMENT
- › CUSTOMISED FABRICATED EQUIPMENT'S
- › STACK HEAT RECOVERY SYSTEM
- › CONDENSATE TRANSFER SYSTEM
- › CONVERSION OF ELECTRICAL HEATING TO DIESEL/STEAM HEATING



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