

URS FOR HOT WATER SYSTEM

GENERAL DATA

DESIGN HEAT LOAD CAPACITY OF HOT WATER GENERATION (kcal/hr)

DESIGN HOT WATER FLOW (m³/hr)

HOT WATER PRESSURE REQUIRED AT REACTOR (kg/cm²)

HOT WATER TEMPERATURE REQUIRED MAX (deg c)

PRESSURE DROP HOT WATER SIDE (kg/cm²)

UTILITY STEAM INLET PRESSURE (kg/cm²)

UTILITY STEAM INLET TEMPERATURE (deg c)

QUANTITY REQUIRED (nos)

PLATE HEAT EXCHANGER

HEAT EXCHANGED (kcal/hr)

HEAT TRANSFER AREA (M²)

PRESSURE VESSEL DESIGN CODE

FLANGE RATING

DESIGN PRESSURE (kg/cm²)

TEST PRESSURE (kg/cm²)

DESIGN TEMPERATURE (deg c)

HOT WATER PUMP

MAKE OF PUMP

PUMP FLOW (m³/hr)

HEAD (m)

MOTOR MAKE

MOTOR TYPE

POWER CONSUMPTION (kw)

MOTOR RATING (kw)

MATERIAL OF CONSTRUCTION

PLATE TYPE HEAT EXCHANGER

HOT WATER PUMP

STEAM SIDE PIPING

HOT WATER SIDE PIPING

SKID FOR TOTAL SYSTEM

SCOPE OF SUPPLY

PLATE TYPE HEAT EXCHANGER

PUMPS

SKID FOR ABOVE

INTERCONNECTING PIPING

STEAM CONTROL VALVE

STEAM TRAP AFTER PHE IN CONDENSATE LINE

NECESSARY PIPE FITTINGS LIKE STRAINER,NRV FOR PUMP

PIPELINE MATERIAL

NECESSARY VALVES

CONDENSATE RECOVERY SYSTEM

TEMPERATURE CONTROLLER

SAFETY INTERLOCKS

OVERALL DIMENSIONS

REMARKS

please write specification

