

Siam Water Solutions Co.,Ltd.

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BOILER WATER SYSTEM SURVEY

| | |
|--------------------|--------------|
| COMPANY NAME | DATE: |
| ADDRESS: | |
| TEL NO.: | FAX: |
| CONTACT PERSON: 1) | DESIGNATION: |
| 2) | DESIGNATION: |

OPERATING DATA

| | | | |
|---|--|--|--|
| MANUFACTURER & SERIAL NO. AND MAKE | | | |
| BOILER TYPE-FIRE TUBE OR WATER TUBE | | | |
| STEAMING RATE : DESIGN, (TON/HR) | | | |
| ACTUAL | | | |
| PRESSURE: DESIGN, (BAR), (KG/CM2), (KPAG) | | | |
| OPERATING | | | |
| TEMPERATURE: DESIGN, (deg C) | | | |
| OPERATING | | | |
| SUPERHEATER (YES/NO) | | | |
| ATTEMPERATOR (YES/NO) | | | |
| ECONOMIZER (YES/NO) | | | |
| BLOWDOWN (MANUAL/AUTO) | | | |
| MAXIMUM BLOWDOWN (M3/HR) | | | |
| | | | |
| PRE-TREATMENT (DEMINERALIZER/SOFTNER) | | | |
| NO. OF TRAIN | | | |
| RESIN TYPE | | | |
| IF DEMINERALIZER, MIXED BED POLISHER (YES/NO) | | | |
| SAND FILTER (YES/NO) | | | |
| ACTIVATED CARBON FILTER (YES/NO) | | | |
| DEGASIFIER/DECARBONATOR (YES/NO) | | | |
| DEMINERALIZER OR SOFTNER CAPACITY: DESIGN | | | |
| OPERATING | | | |
| | | | |
| DEAERATOR (YES/NO) | | | |
| DEAERATOR TYPE (SPRAY-TRAY/VACUUM) | | | |

| | | | | |
|---|---------------|-------------------|---------------------|--------------------|
| TEMPERATURE: DESIGN (DEG C) OPERATING | | | | |
| PRESSURE : DESIGN (BAR), (KG/CM2), (KPAG) OPERATING | | | | |
| DISSOLVED OXYGEN CONTENT : DESIGN ACTUAL | | | | |
| CONDENSATE RETURN (%) | | | | |
| CONDENSATE POLISHER (YES/NO) | | | | |
| CONDENSATE SYSTEM (LOCALIZED/EXTENDED) | | | | |
| SYSTEM METALLURGY (COPPER PRESENT?) | | | | |
| | | | | |
| SPECIFIC STEAM PURITY REQUIREMENT | | | | |
| TURBINE (YES/NO) | | | | |
| CONTACT WITH FOOD (YES/NO) | | | | |
| CONTACT WITH PROCESS CATALYST (YES/NO) | | | | |
| | | | | |
| NO. OF CHEMICALS INJECTION UNIT AVAILABLE | | | | |
| CHEMICALS INJETION POINTS AVAILABLE, SPECIFIC LOCATIONS | | | | |
| SAMPLING POINT AVAILABLE, SPECIFIC LOCATIONS | | | | |
| ON-LINE ANALYZERS AVAILABLE, SPECIFIC TYPES | | | | |
| | | | | |
| AVERAGE WATER ANALYSIS-PARAMTERS | MAKEUP | FEED WATER | BOILER WATER | CONDE-NSATE |
| Ph | | | | |
| Total Alkalinity, ppm as CaCO ₃ | | | | |
| Total Hardness, ppm as CaCO ₃ | | | | |
| Silica, ppm as SiO ₂ | | | | |
| Conductivity, uSiemens | | | | |
| Total Iron, ppm Fe | | | | |
| Copper, ppm Cu | | | | |
| Other (Specify) | | | | |
| | | | | |
| | | | | |

Note: For New System, Design Feed Water data will be sufficient

For Internal Use :

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|----------------------|
| Reported By : |
| Date : |