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QUESTIONNAIRE FOR COMPUTER CALCULATION
OF A SIDEL SERIES **FLUE GAS HEAT RECOVERY** UNIT

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Company Name

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Required information:

Project name

Boiler make

Boiler capacity

Maximum gas consumption

Stack temperature @ maximum load

Excess air at maximum load

Average burner load

Average stack temperature

Excess air at average load

O₂

CO₂

Combustion air temperature

Maximum permissible back pressure

Water inlet temperature to SRU unit

Water flow

Maximum water pressure to SRU unit

Chimney diameter

boiler HP

cu.ft./hr

F

%

BTU/hr

F

%

%

%

F

inches w/c

F

GPM

PSI

inches

Potential application for recovered heat:

plant washdown; preheat process water; preheat return water for heating system, boiler
make-up feedwater; other:

(Remember, the cooler the water at a 'good' flow rate,
the higher the efficiency that can be achieved)

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