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Boiler economiser data processing TTC-EDS

Name of Company _____
 Address. _____

Please process data to show

a. Unit energy cost saving possible	()	Contact	_____
b. Optimum size of economiser	()	Phone	_____
c. Pay back time sale	()	Fax	_____
d. Capital cost of economiser	()	E-Mail	_____
		Date	_____

<u>Boiler details</u>	<u>No 1</u>	<u>No 2</u>	<u>No 3</u>
Manufacturer	_____	_____	_____
Type	_____	_____	_____
Rating- Kg/hr f&a / KW *	_____	_____	_____
Pressure – Bar *	_____	_____	_____
<u>Burner Details</u>			
Manufacturer and Type	_____	_____	_____
Forced/Induced/Nat Draught *	_____	_____	_____
Main Fuel *	_____	_____	_____
Stand-by Fuel *	_____	_____	_____
<u>Operational Details</u>			
Maximum Load - Kg/hr or KW	_____	_____	_____
Minimum Load - Kg/hr or KW	_____	_____	_____
Average Load - Kg/hr or KW *	_____	_____	_____
Running hours per year	_____	_____	_____
<u>Flue Gas Details</u>			
Stack draught @ Hi fire mm.wg	_____	_____	_____
Stack draught @ Lo fire mm.wg	_____	_____	_____
Flue Gas Temp @ Hi fire deg.C *	_____	_____	_____
Flue Gas Temp @ Lo fire deg.C	_____	_____	_____
CO ₂ or O ₂ % vol. Hi fire	_____	_____	_____
CO ₂ or O ₂ % vol. Lo fire	_____	_____	_____
<u>Boiler Feed Water Details</u>			
Normal feed water temp deg.C *	_____	_____	_____
% Condensate return (Average)	_____	_____	_____
Type of feed water treatment	_____	_____	_____
Blow down details	_____	_____	_____
Type of water level control *	_____	_____	_____
Feed pump maximum pressure	_____	_____	_____
<u>Economic data</u>			
Total steam produced per year	_____	_____	_____
OR Total fuel used per year *	_____	_____	_____
Unit cost of fuel	_____	_____	_____
Unit cost of Electricity	_____	_____	_____

PLEASE SUPPLY A LAYOUT WITH DIMENSIONS OF BOILER HOUSE AND STACK ON BACK OF SHEET - DATA SHOWN * ARE ESSENTIAL