

Appraisal form

Heat exchanger

Name: _____
Company: _____ Telephone: _____
Address: _____ Fax: _____
Project name: _____ E-mail: _____

From where must the heat be recovered?

Heat recovery from exhaust gasses - Information about heating appliance

Output of appliance: _____ kW
Type of appliance: Boiler Efficiency rating: _____ %
 Oven Efficiency rating: _____ %
 Production facility Lambda (λ) value: _____
Running time: _____ days/year _____ hrs/day
Type of fuel: Oil Gas Other _____

Heat recovery from process air

Type of burner: Direct fired Atmospheric Infrared radiation Other _____
Mass flow: _____ kg/h
Air volume: _____ m³/h
Process air temperature: _____ °C
Impurities, dust, chemical, substance: _____ Please state type and concentration

Use of the recovered heat?

Use of the heated water/recovered heat

Static heating: Buffer tank 70/55 °C Floor heating 45/35 °C Specific water Temp. IN/OUT _____ / _____ °C
Needed heating output: _____ kW _____ kW _____ kW
Amount of heat for production process: _____ kW
Shower/warm water: _____ l/day for ex. numbers of persons showering _____
Hot water for production: _____ l/day Temperature _____ °C
When will the energy be used? Immediately Water after _____ hours

Description of the heating appliance/production facility. Please add pictures, drawings etc.