

HEAT CHECK



I – General information

Information	
Company	
Location	
Contact person	
Industry sector	
Description of heat source	



II – Information on heat source

Information on heat source	Unit	Example value	Customer value
Medium	-	Exhaust gas, water	
Temperature of heat source, T_{in}	°C	450	
Required output temperature, T_{out}	°C	150/not applicable	
Available heat	Nm ³ /h, kg/s, l/s, kW _{th} , t/h, ...	20 000 Nm ³ /h	
Operating hours per year	h/year	8 000	
Hourly data/data logger available	-	Yes/No	
If applicable: steam pressure	bar (abs)/bar (g)	5 bar (g)	
If applicable: exhaust gas composition	Vol. %	60% H ₂ O, 30% CO ₂ , 5% O ₂ , 5% NO _x /SO _x	

III – General conditions

Information	Unit	Example value	Customer value
Electricity price	USD/MWh _{el}	150	
Expected payback time	years	< 4	
Remaining time of heat source	years	20	

IV – Further relevant information