Questionnaire for thermal oil plants

Customer number

If available / known

◯ **New system** ◯ **Expansion** ◯ **Replacement**

Customer

Company _____

Name _____

Department _____

Street, P.O. Box _____

Country, ZIP, City _____

Phone Number _____

Mobile Phone _____

Website _____

Email _____

Send the completed questionnaire to:

info@ness.de

Heater(s)

Number of heaters ____

thereof ____ in operation ____ in standby

Heating power per heater ____ **kW**

Temperature difference supply line/return line at full load ____ **K**

or

Volume flow ____ **m³/h**

Supply line temp. in operation ____ **°C**

Allowable supply line temperature ____ °C Standard 320 °C

Allowable operating overpressure ____ bar g Standard 10 bar

Type

◉ Horizontal heater(s)

◯ Vertical heater(s)

Burner

Fuel

	Gas flow pressure	Heating value Hu
☐ Natural gas	____ **mbar**	____ kWh/Nm³ Standard 10,00 kWh/Nm³

☐ Fuel oil extra light (LFO/Diesel)

☐ Heavy fuel oil, type _____ *please attach fuel analysis*

☐ Special fuel _____ *please attach fuel analysis*

Emission requirements

NO_x _____

CO _____

SO_x _____ *please attache specification*

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Other Equipment

Please ☒ if necessary equipment as appropriate

☐ **Combustion air preheater to increase the efficiency**

☐ **Heater pump**

Necessary differential pressure
(consumers / piping on customer side)

mFIS

Standby pump? ◯ Yes ◯ No

☐ **Expansion tank**

Capacity

Liters

or

Total oil capacity
(consumers / piping on customer side)

Liters

☐ **Drain tank**

☐ **Chimney**

Necessary height

Meters

Do you have any further remarks such as make specifications or special requests regarding the inquiry?

Other information

Country / place of install. _____ / _____

Install. altitude m a.s.l.

◯ Indoor installation ◯ Outdoor installation

Regulations / design codes / standards

◯ Europ. Pressure Equipment Directive (PED) ◯ ASME ◯ _____

Electrical

Voltage	Frequency	Control voltage
V	Hz	V

Ambient temperature

Minimum temperature	Maximum temperature
°C	°C

Finished? Send the completed questionnaire to: info@ness.de

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