

BHKW Service Deutschland GmbH



BHKW Service Deutschland, Elbstraße 5, 29475 Gorleben

introduction

BHKW Service Deutschland GmbH is a company that operates in the field of CHP service both domestically and internationally.

BHKW Service Deutschland GmbH is active in the field of combined heat and power (CHP) systems. Founded in 2016, BHKW Service Deutschland GmbH has many years of experience in the planning, installation, maintenance, and repair of CHP plants using gas engines powered by natural gas and special gases.

Assessment of a gas engine system for

Kandlin Power Generator Purchase GmbH
Kürtener Str. 13
51465 Bergisch Gladbach

Date and location of the assessment

Monday, July 13, 2026 in 01616 Strehla, An der alten Leimfabrik 2. The CHP unit was housed in a warehouse.

Designation of the plant

ESS Viessmann Group 70kW Module Number: 700020070-0033-0712 Operating Hours: 6484 Starts: 6814

Description of the plant components

The CHP plant consists of a
Engine MAN
Generator
Engine cooling circuit
Exhaust gas heat exchanger
Plate heat exchangers

Condition of the assessment

The combined heat and power unit stood in the room without connections or batteries. Parts were mostly assembled.

CHP service
Germany GmbH
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Measures taken

Visual inspection revealed that the power plant could not be started because there was no electricity or gas connection.

Persons involved

Roy Rattmann
Mathias Röhlk

Documentation submitted for review

Operating instructions available

Assessment of the facility

Cylinder liners show minimal wear marks

Piston: Heavy deposits present

Insulation measurement of generator winding to housing at 250V > 250MOhm

Plate heat exchanger with slight external leakage



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Cylinders 5 and 6 have slight oil leaks.



Throttle valve sight glass defective



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Day oil tank slightly leaking at the shut-off valve



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The CHP unit has no major defects and can therefore be put back into operation.

A final assessment of the entire CHP plant is only possible after commissioning; a visual inspection can never capture all eventualities and cannot be a comprehensive repair analysis.

With kind regards

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