

BHKW Service Deutschland GmbH



BHKW Service Deutschland, Waldstraße 13, 29475 Gorleben

introduction

BHKW Service Deutschland GmbH is a company operating in the field of combined heat and power (CHP) services, both domestically and internationally. Founded in 2016, BHKW Service Deutschland GmbH has many years of experience in the planning, installation, maintenance, and repair of CHP plants powered by gas engines running on natural gas and special gases.

Assessment of a gas engine system for

Kandlin Stromerzeuger-Ankauf GmbH,
Kürtener Str. 13,
51465 Bergisch Gladbach

Date and location of the assessment

Tuesday, April 21, 2026 in 01616 Strehla, An der alten Leimfabrik 2. The CHP unit was housed in a warehouse.

Designation of the plant

Viessmann Vito Block 200 MAN E 0836 E302 Serial number: 10236355043625

Description of the plant components

The CHP plant consists of a
MAN E 0836 E302 engine,
generator
Cooling circuit
Mixture cooling circuit
Exhaust gas heat exchanger
Plate heat exchangers

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Condition of the assessment

The combined heat and power plant

Measures taken

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

Persons involved

Tobias Greulich

Documentation submitted for review

no

Assessment of the facility

Ignition leads are missing

Starter motor missing



Bank details:



Throttle linkage missing, oil pressure switch missing



Heavy deposits on pistons and valves

Rust deposits in cylinder liners, combustion chambers covered with rust

The generator bearing should be replaced (rust and hardened grease are visible on the bearing).



Once the defects have been rectified, the CHP unit can be put back into operation. Whether further defects will arise during commissioning can only be determined at that time.

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

Felix Fröhlich, Dipl. Ing. FH Civil Engineering

Bank details: