

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

Buderus 150 kW E2876 E312 Engine number 29839768153972

Description of the plant components

The CHP plant consists of an existing MAN engine.

Generator available.

Cooling circuit available.

Exhaust gas heat exchanger present.

Plate heat exchanger available.

Condition of the assessment

CHP service
Germany GmbH
Waldstraße 13
29475 Gorleben
Tel 05882 3479980

Managing Director: Felix Fröhlich
Local Court of Lüneburg HRB 206556
Tax ID No.: 47/201/65949 VAT
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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

Cylinder liners show increased wear; pistons and cylinder heads with heavy deposits; engine has not yet been overhauled; clutch, engine, generator

OK

The starter motor should be replaced (exterior impact marks).
Exhaust system and exhaust heat exchanger extremely dirty and sooty



The exhaust gas heat exchanger and the exhaust gas line must be cleaned before commissioning.

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The plant could generally be operated, however, the combustion chambers will require repairs in the near future. The plant is in urgent need of an overhaul.

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

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