

# CEWUS Chemnitzer Werkstoff- und Oberflächentechnik GmbH

CEWUS First Chemnitz Materials Testing and Failure Analysis Laboratory

## About this organisation

### Machine translation

This organisation has been machine-translated based on data provided in German.

Accredited materials testing laboratory

Material analysis, material consulting, substitution

Neefestraße 80a  
09119 Chemnitz  
Saxony  
Germany  
[www.cewus.de](http://www.cewus.de)



### Organisation type

Small or medium-sized enterprise

### Sectors



### Employees

10 up to 49

### Turnover

Up to €2m

### Funding

n/a

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## CEWUS First Chemnitz Materials Testing and Failure Analysis Laboratory

### About this organisation

|                           |                                                                                                |
|---------------------------|------------------------------------------------------------------------------------------------|
| <b>Main areas covered</b> | Material analysis and optimisation, Material consulting, Material substitution                 |
| <b>Infrastructure</b>     | Materials testing machines, Spectrometer, Metallography laboratory, NDT (UT/MT/PT/RT/DR/VT/ET) |
| <b>Certifications</b>     | DIN EN ISO/IEC 17025:2018                                                                      |
| <b>Keywords</b>           | Attempt, Metallography, Spectrometry, Material, NDT                                            |
| <b>Memberships</b>        | Industrial Association Saxony 1828 e.V., VEMAS e.V., DGZfP, F-GZP, DVS                         |

### Overview of lightweighting expertise

#### Machine translation

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|                                            | Research | Development | Manufacturing & Supply |
|--------------------------------------------|----------|-------------|------------------------|
| <b>Offer</b>                               |          |             |                        |
| <i>Products</i>                            |          |             |                        |
| <b>Services &amp; consulting</b>           |          |             |                        |
| Consulting, Testing and trials, Validation |          | ✓           | ✓                      |
| <b>Field of technology</b>                 |          |             |                        |
| <i>Design &amp; layout</i>                 |          |             |                        |
| <i>Functional integration</i>              |          |             |                        |
| <i>Measuring and testing technology</i>    |          |             |                        |
| <i>Modelling and simulation</i>            |          |             |                        |
| <i>Plant construction &amp; automation</i> |          |             |                        |
| <i>Recycling technologies</i>              |          |             |                        |

## Overview of lightweighting expertise

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|                                              | Research | Development | Manufacturing<br>& Supply |
|----------------------------------------------|----------|-------------|---------------------------|
| <b>Manufacturing process</b>                 |          |             |                           |
| <i>Additive manufacturing</i>                |          |             |                           |
| <i>Coating (surface engineering)</i>         |          |             |                           |
| <i>Fibre composite technology</i>            |          |             |                           |
| <i>Forming</i>                               |          |             |                           |
| <i>Joining</i>                               |          |             |                           |
| <b>Material property alteration</b>          |          |             |                           |
| Heat treatment                               |          | ✓           | ✓                         |
| <i>Primary forming</i>                       |          |             |                           |
| <b>Processing and separating</b>             |          |             |                           |
| Drilling, Turning, Milling, Sawing, Grinding |          |             | ✓                         |
| <i>Textile technology</i>                    |          |             |                           |

**Overview of lightweighting expertise**

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|                                                  | Research | Development | Manufacturing<br>& Supply |
|--------------------------------------------------|----------|-------------|---------------------------|
| <b>Material</b>                                  |          |             |                           |
| <i>Biogenic materials</i>                        |          |             |                           |
| <i>Cellular materials (foam materials)</i>       |          |             |                           |
| <i>Composites</i>                                |          |             |                           |
| <i>Fibres</i>                                    |          |             |                           |
| <i>Functional materials</i>                      |          |             |                           |
| <b>Metals</b>                                    |          |             | ✓                         |
| Aluminium, Intermetallic alloys, Steel, Titanium |          |             |                           |
| <i>Plastics</i>                                  |          |             |                           |
| <i>Structural ceramics</i>                       |          |             |                           |
| <i>(Technical) textiles</i>                      |          |             |                           |

**Contacts**

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## Contacts

Mr Dr. Peter Kaiser, Ing.

*Managing Director*

[pka@cewus.de](mailto:pka@cewus.de)