

# MANAGEMENT SYSTEM CERTIFICATE

Certificate no.:  
10000416590-MSC-RvA-DEU

Initial certification date:  
21 December 2015

Valid:  
21 December 2024 – 20 December 2027

This is to certify that the management system of  
**GfE Metalle und Materialien GmbH**  
Höfener Straße 45, 90431 Nürnberg, Germany  
and the sites as mentioned in the appendix accompanying this certificate

has been found to conform to the Energy Management System standard:  
**ISO 50001:2018**

This certificate is valid for the following scope:

**Manufacture of metal products; development, production and sale of alloys, coating materials, titanium aluminides and recovery of special materials; processing/recycling of industrial residues via thermal and chemical processes; production of sputtering targets from various materials for diverse coating applications; production of special semi-finished products from refractory non-ferrous metals; production of vanadium chemicals.**

**Development and implementation of thermal spray coatings; developments, production and sale of coating materials, alloys as well as special semi-finished products made of various metallic and ceramic materials; implementation of diagnostic and process engineering services.**

**The scope of the system includes all processes and equipment under the control of the company at the certified sites.**

Place and date:  
Barendrecht, 19 December 2024

For the issuing office:  
DNV - Business Assurance  
Zwolsseweg 1, 2994 LB Barendrecht,  
Netherlands



**Erie Koek**  
Management Representative

## Appendix to Certificate

### GfE Metalle und Materialien GmbH

Locations included in the certification are as follows:

Site Name	Site Address	Site Scope
GfE Metalle und Materialien GmbH	Höfener Straße 45, 90431 Nürnberg, Germany	Manufacture of metal products; development, production and sale of alloys, titanium aluminides and recovery of special materials; processing/recycling of industrial residues via thermal and chemical processes; production of sputtering targets from various materials for a wide range of coating applications; production of special semi-finished products from refractory non-ferrous metals; production of vanadium chemicals
GfE Fremat GmbH	Gewerbegebiet Süd 20, 09618 Brand-Erbisdorf, Germany	Development and implementation of thermal spray coatings; Development, manufacture and sale of coating materials, alloys and special semi-finished products made of various metallic and ceramic materials; performance of diagnostic and process engineering services.