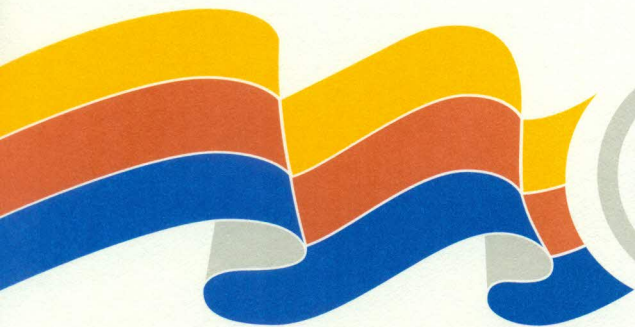


CERTIFICATE OF REGISTRATION



**Quality
System
Registrar**



Having been audited in accordance with requirements of

ISO 9001:2015 – ASQ/ANSI/ISO 9001:2015

SRI Quality System Registrar, 300 Northpointe Circle, Seven Fields, Pennsylvania, 16046, USA, hereby grants to:

AMG Vanadium LLC

Registration of the management system at its locations:

60790 Southgate Road, Cambridge, Ohio, 43725, USA
60788 Southgate Road, Byesville, Ohio, 43723, USA

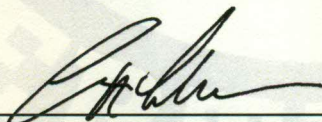
The conditions for maintaining this certificate of registration are set forth in the SRI registration agreements R20.3 and R20.4. Further clarifications regarding the scope of this certificate and the applicability of ISO 9001:2015 requirements may be obtained by consulting the organization.
This certificate is integrated with the ISO 14001 certificate and ISO 45001 certificate.

Scope of ISO 9001:2015 registration: "Providing reclaimed catalyst services and manufacturing of Ferrovandium."

Initial SRI Registration dates: April 25, 2003 at Cambridge
October 26, 2018 at Byesville

Current registration period: November 21, 2020 through November 20, 2023

Signed for SRI:



Christopher H. Lake, President & COO

Release Date: November 21, 2020
Certificate Number: 020867
Registration Number: 2346-00

