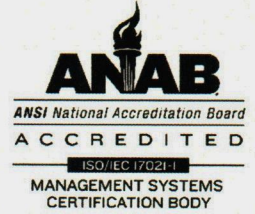


CERTIFICATE OF REGISTRATION



**Quality
System
Registrar**



Having been audited in accordance with requirements of

ISO 45001:2018

SRI Quality System Registrar, 161 Thorn Hill Road, Warrendale, Pennsylvania, 15086, USA, hereby grants:

National Renewable Energy Laboratory

Registration of the management system at its locations:

**15013 Denver West Pkwy., Golden, Colorado, 80401, USA
1617 Cole Blvd., Golden, Colorado, 80401, USA
1900 31st Street, Denver, Colorado, 80216, USA
18200 State Highway 128, Boulder, Colorado, 80303, USA**

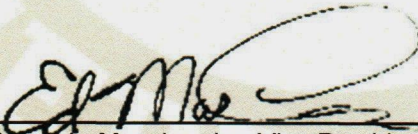
The conditions for maintaining this certificate of registration are set forth in the SRI registration agreements R20.3 and R20.4.

Scope of ISO 45001:2018 registration: "Research, Development, Commercialization and Deployment of Renewable Energy and Energy Efficiency Technologies."

Initial SRI registration date: April 23, 2024

Current registration period: April 23, 2024 through August 23, 2026

Signed for SRI:


Edward L. Maschmeier, Vice President, Certification

Release Date: April 23, 2024
Certificate Number: 023510
Registration Number: 7399-00

