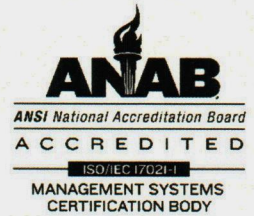
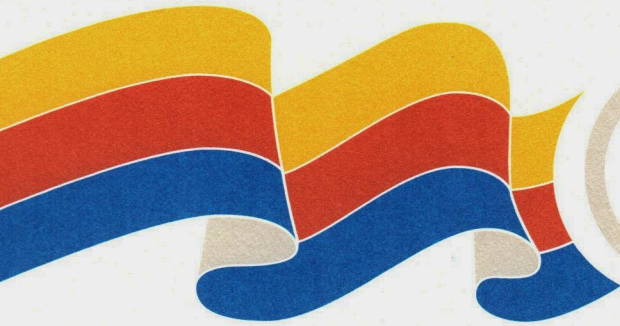


CERTIFICATE OF REGISTRATION



Having been audited in accordance with requirements of

ISO 14001:2015

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

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

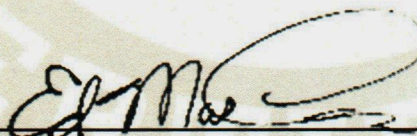
The conditions for maintaining this certificate of registration are set forth in the SRI registration agreements R20.3 and R20.4.

Scope of ISO 14001:2015 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: 023509
Registration Number: 7399-00

