

CERTIFICATE OF AUTHORIZATION

The named company is authorized by The American Society of Mechanical Engineers (ASME) for the scope of activity shown below in accordance with the applicable rules of the ASME Boiler and Pressure Vessel Code. The use of the ASME Single Certification Mark and the authority granted by this Certificate of Authorization are subject to the provisions of the agreement set forth in the application. Any construction stamped with the ASME Single Certification Mark shall have been built strictly in accordance with the provisions of the ASME Boiler and Pressure Vessel Code.

COMPANY:

METALÚRGICA INDUSTRIAL BOSCH LTDA NA Rodovia do Xisto BR 476 KM 168 Bairro Colônia Paulista 679 Contenda, PR 83730-000 Brazil

SCOPE:

Manufacture of pressure vessels at the above location and field sites controlled by the above location (This authorization does not cover impregnated graphite)

AUTHORIZED:

EXPIRES:

September 11, 2023 September 11, 2026

CERTIFICATE NUMBER: 61042

Richel B. Cupul

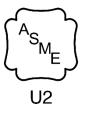
Board Chair, Conformity Assessment

isenberg

Managing Director, Standards & Engineering Services







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COMPANY:

METALÚRGICA INDUSTRIAL BOSCH LTDA NA Rodovia do Xisto BR 476 KM 168 Bairro Colônia Paulista 679 Contenda, PR 83730-000

Brazil

SCOPE:

Manufacture of Class 1 and Class 2 pressure vessels at the above location and field sites controlled by the above location

AUTHORIZED:

EXPIRES:

September 11, 2023 September 11, 2026

CERTIFICATE NUMBER: 61043

Richel B. Cupul

Board Chair, Conformity Assessment

isenberg

Managing Director, Standards & Engineering Services

