



Italia

COMPLIANCE

with IEC EN 61511 / IEC EN 61508

Certificate No.: TUV IT 22 SIL 0162

CERTIFICATE OWNER: Ansaldo Energia S.p.A.
Via N. Lorenzi, 8
16152 – Genova - ITALY

**WE HEREWITH CONFIRM THAT
THE FUNCTIONAL SAFETY CAPABILITY OF
ANSALDO ENERGIA S. P. A.
HAS BEEN ASSESSED BY TÜV ITALIA AND
MEET THE REQUIREMENTS OF IEC EN 61511-1:2016 DETAILED IN
ATTACHED TABLE AND IEC EN 61508-1:2010 CLAUSE 6**

Examination result: The certified scope as “*Design, supply, installation and commissioning of thermal, geothermal, gas turbine and hydroelectric power plants. Technological development, design, manufacturing, installation and commissioning of gas and steam turbines, electrical generators. Spare parts supply, repowering, scheduled and unscheduled maintenance applied to machines and plants for energy production. Research activity and development, design, testing products, systems and services with innovative features for machinery and equipment for the production of energy.*”

Examination parameters: Functional safety management and safety life-cycle requirements

Official Report No.: R TUV IT 22 SIL 0147

Expiry Date December 18th 2025

THIS DOCUMENT REPEALS AND SUBSTITUTES THE DOCUMENT C-IS-722209882

Reference Standard IEC EN 61511:2016 Part 1, 2, 3
IEC EN 61508:2010 Part 1, 4, 6, 7

Milan, December, 19th 2022

TÜV ITALIA Srl

TÜV ITALIA Srl
Industrie Service Division
Managing Director



Alberto Scelloni