

Certificate

No. SEBS-A.160631/13, V1.0

TÜV NORD Systems GmbH & Co. KG hereby certifies

Siemens AG

Power and Gas Division
System Integration (PG GT SI EN FSIG)
91058 Erlangen
Germany

that the safety related protection system of the GasTurbine

SGT5-4000F

using the Braun-System E16A358 and including the safety instrumented functions
Overspeed Protection (capable up to SIL 3),
Flame Monitoring (capable up to SIL 3),
Emergency Trip System (capable up to SIL 3),
Overfuel Protection (capable up to SIL 2),
Differential Pressure Seal Oil/H₂ (capable up to SIL 2),
H₂-Generator Casing Pressure Protection (capable up to SIL 2),
Bearing Casing Protection (capable up to SIL 1),
meets the applicable requirements listed in the following standards

- IEC 61511:2003
- IEC 61508-1:2010

The certification is based on the report No
SEBS-A.160631/13TB in the valid version.
This certificate entitles the holder to use the
pictured Safety Approved mark.

Expiry date: 2020-01-30
Reference No.: 8110507615

Hamburg, 2015-12-17



Tobias Nelke

