



# Certificate / Certificat Zertifikat / 合格証

BHGE 1903116 C001

*exida* hereby confirms that the:

## BHGE Project Implementation Procedures

**BHGE**  
**Longmont, CO – USA**  
**Fót – Hungary**

have been evaluated and assessed per the relevant requirements of:

**IEC 61511 Part 1**

and meet the requirements providing a level of integrity to

**SIL 3 Capable**

### Scope:

BHGE implementation for: Functional Safety Management, Safety Lifecycle, Safety Instrumented System Design (Hardware and Application Software), Safety Instrumented System Factory Acceptance Test, and Safety Instrumented System Installation, Commissioning, and Validation. Other phases of the Safety Lifecycle were not assessed.

The manufacturer may use the mark:



Revision 1.0 September 30, 2019  
Surveillance Audit Due  
October 1, 2020



ISO/IEC 17065  
PRODUCT CERTIFICATION BODY  
#1004



Evaluating Assessor

Certifying Assessor

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## IEC 61511 Engineering Process Compliance

BHGE

The scope of the assessment includes the following phases of the IEC 61511 safety lifecycle:

- Functional Safety Management
- Safety Lifecycle
- Safety Instrumented System Design (Hardware and Application Software)
- Safety Instrumented System Factory Acceptance Test
- Safety Instrumented System Installation, Commissioning, and Validation

SIL 3 Capability:

The process has met design process requirements of Safety Integrity Level (SIL) 3. These are intended to achieve sufficient integrity against systematic errors of design by the manufacturer.

A Safety Instrumented Function (SIF) designed following this process must not be used at a SIL level higher than stated without “prior use” justification by the end user or diverse technology redundancy in the design.

The following documents are a mandatory part of certification:

**Assessment Report:** BHGE 19/03-116 R001 V1R1 (or later)



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