



Number	19GR0142/01	Contract number	E 0001
Issue date	16-05-2019	Due Date	16-05-2029
PIN	0063CU1824	Report number	181000824SIL

## FUNCTIONAL SAFETY CERTIFICATE

Kiwa hereby declares that the automatic burner control systems, type(s):

**BCU 460, BCU 465 and BCU 480**

manufactured by **Elster (Honeywell)  
Lotte Büren, Germany**

Is suitable for inclusion in a S.I.L. 3 Loop.

The compliance is based on an evaluation to EN61508(2010).

The systems and their associated components only comply with the above listed safety requirements if the specifications and instructions as detailed in the commissioning manual are met.

1. Tightness control
2. Safety Interlock
3. Emergency stop
4. Minimum air flow safeguard
5. Purge safeguard
6. Flame safeguard
7. Air damper position correct
8. Minimum gas pressure

Where a safety function is mandatory for the application, the system shall be included with fail safe sensors and valves.

Luc Leroy, Kiwa