



Number	KIP-07604	Replaces	-
Issue date	20-05-2024	Contract number	I17301
Due date	19-05-2034	Scope	(EU) 2016/426 (9 March 2016)
Report number	2011152/9	Module	B (Type testing)
PIN	0476DM1152		

EU TYPE-EXAMINATION CERTIFICATE (GAR)

Kiwa Cermet Italia declares that the automatic burner control system, type(s):

0580381, 0580382

Manufacturer

SIT S.p.A.
Viale dell'Industria, 31
35129, Padova (PD), Italy

Meet the essential requirements as described in the
Regulation (EU) 2016/426 relating to appliances burning gaseous fuels.

Reference standard: EN 298:2022, EN 12067-2:2022

This certificate is only valid in combination with the appendix to this certificate, where specific information and/or conditions are given.

CERTIFICATE

Kiwa Cermet Italia S.p.A.
Società con socio unico, soggetta
all'attività di direzione e coordinamento
di Kiwa Italia Holding Srl

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PRD N° 0069PRD

Membro degli Accordi di Mutuo Riconoscimento EA, IAF e ILAC
Signatory of EA, IAF and ILAC Mutual Recognition Agreements

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APPENDIX TO EU TYPE-EXAMINATION CERTIFICATE (GAR)

Brand name:
SIT

The SIT automatic burner control system, type 0580381 and 0580382, are intended for use on fuel fired appliances and non-permanent operation, as stated in clause 6.6 of EN 298. The controls are provided without an enclosure, and they are intended for installation in an environment or enclosure, meeting the requirements of EN 60730-1 in order to provide pollution degree 1 or 2.

Type:	SW and HW code:	SW Safety version:	CRC
0580381	0580381_00	4555738_01_00_01	CRC 0xA3869267
0580382	0580382_00	4555738_01_00_01	CRC 0xA3869267

Specifications:

Applied technology: Complex electronics
Electrical supply: 230 Vac 50/60 Hz
Gas valve output: Type gas valve SIT 877 (24 V / max. 0.4 A)
Ambient temperature: -15 °C to +70 °C
IP protection degree: IP 00
Flame detection: UV type sglux TOCON Steel ABC1

Approved safety relevant functions:

Automatic burner control system: EN 298 Class C
Gas/air ratio control (GARC): EN 12067-2 Class C
Reset function: EN 298 Class C

See the installation and operating instructions for all specifications and possible options available for the above listed type(s).

Countries:

AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MK, MT, NO, NL, PL, PT, RO, SE, SI, SK, TR

Remarks:

- The burner control has an e-GARC function that works only in combination with an SIT sensorized mixer board type 1599051. The relevant clauses of EN 12067-2, referring the combustion and safety aspects, have to be examined as part of the (final) application approval and according to the relevant standards.
- The hardware and software part of SIT sensorized mixer board type 1599051 has been evaluated according to EN13611 for Class C function to cover only the requirements of EN12067-2.
- Depending on the (final) application possible influences outside of the scope of evaluated standards or as currently specified in the manufacturer's manuals and herein shall be considered and may require further examination.

The validity of this certificate can be verified on request at the following e-mail address: info@kiwacermet.it

This certificate will expire if there have been any changes to the product that may have an impact on compliance with the requirements of the Directive. This certificate will expire if there have been any updates and / or changes to the Technical Standards applicable unless specifically approved by Kiwa Cermet Italia. Any total or partial reproduction of this document in any form, without Kiwa Cermet Italia express authorization, is prohibited.