



Number	19GR0656/01	Replaces	19GR0656/00
Issue date	05-07-2021	Contract number	--
Due date	05-07-2031	Module	B (Type testing)
Report number	190601238	Scope	(EU) 2016/426 (9 March 2016)
PIN	0063CU3238		

EU TYPE EXAMINATION CERTIFICATE (GAR)

Kiwa hereby declares that the Gas fires, type(s):

**QUADRO 40,
SNAKE 130,
SNAKE 180,
SNAKE 180C,
SNAKE 40,
SNAKE 60,
SNAKE 80**

Manufacturer

**ITALKERO S.r.l.
Modena, Italy**

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

Reference standard: EN 14543:2017 and EN 509:1999+A1:2003+A2:2004

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

Ron Scheepers
Kiwa



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APPENDIX TO EU TYPE EXAMINATION CERTIFICATE (GAR)

Manufacturer:
ITALKERO S.r.l.

Types:
QUADRO 40,
SNAKE 130,
SNAKE 180,
SNAKE 180C,
SNAKE 40,
SNAKE 60,
SNAKE 80

Appliance types:
A1, B11AS

Appliance categories:
I2E(R), I2E, I2Er, I2Esi, I2H, I3+, I3B/P, I3B, I3P, Bio Methane, Bio Propane

Gas groups and supply pressures:
H: 20 mbar;
E: 20 mbar;
B: 28-30 mbar; 50 mbar;
P: 37 mbar;
B/P: 28-30 mbar; 50 mbar;
E(R): 20 mbar; 25 mbar;
Er: 20 mbar;
Esi: 20 mbar;
3+: G30 => 28-30 mbar; G31 => 37 mbar.

Countries:
Argentina, Armenia, Australia, Austria, Azerbaijan, Belgium, Bosnia and Herzegovina, Brazil, Bulgaria, Canada, Chile, China, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hong Kong, Hungary, Iceland, Iran, Ireland, Italy, Jordan, Kazakhstan, Kuwait, Latvia, Lebanon, Liechtenstein, Lithuania, Luxembourg, Macedonia, Malta, Mexico, Moldova, Montenegro, Norway, Peru, Poland, Portugal, Romania, Russia, Saudi Arabia, Serbia, Slovakia, Slovenia, South Africa, South Korea, Spain, Sweden, Switzerland, Turkey, Ukraine, United Kingdom, United States, the Netherlands



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Remarks:

The Norwegian building regulations TEK 17, paragraph 14-4 (See below), do not allow the installation of heating installations for fossil fuels. Renewable biofuels, such as firewood, wood pellets, bio-oil and biogas are not fossil fuels.

Currently there is no specification of the Bio gas composition available. The TEK 17 does not provide for bio gas specification, nor does the EN 437, therefore no standard appliance category can be mentioned on the type certificates. Because the composition of the Bio Propane is 100% C₃H₈ and of the Bio Methane is 100% CH₄, both can be mentioned on the type certificate.

The certificate loses its validity in case;

- Norwegian regulations is published which provides for a specific appliance category for the Bio Methane and/or Bio Propane, or
- A revised EN 437 in the O.J. which provides for a specific appliance category for the Bio Methane and/or Bio Propane.

Current Norwegian regulations (part of):

TEK17: Regulations on technical requirements for building works.

TEK 17 Kapittel 14 Energi

§ 14-4. Krav til løsninger for energiforsyning

(1) Det er ikke tillatt å installere varmeinstallasjon for fossilt brensel

VTEK 17 - Veiledning til første ledd

Bestemmelsen omfatter alle varmeinstallasjoner til oppvarming og tappevann.

Fornybart biobrensel, som for eksempel ved, trepellets, bioolje og biogass er ikke fossilt brensel.

Prosessanlegg og nødaggregater er ikke omfattet av bestemmelsen.

TEK17: Regulations on technical requirements for building works.

TEK 17 Chapter 14 Energy

§ 14-4. Requirements for solutions for energy

(1) It is not allowed to install heating installation for fossil fuels.

VTEK 17 - Guide to subsection

The provision includes all heating systems for heating and domestic hot water.

Renewable biofuels, such as firewood, wood pellets, bio-oil and biogas are not fossil fuels.

Process plant and emergency generators are not covered by the provision.