

Number	KIP-15152/E	Replaces	---
Issued	03-10-2016	Scope	Directive 92/42/EEC Regulation (EU) No. 813/2013
Report	2001500	Page	1 of 2
PIN	0476CR1500		

EC TYPE EXAMINATION CERTIFICATE

Kiwa Cermet Italia, notified body for council Directive 92/42/EEC, hereby declares that according to article 4 of commission regulation (EU) No. 813/2013 the products

Central heating boilers

Trade mark: **HANSA**
 Models: HKS 21.S Nox
 HKS 21.O Nox
 Manufactured for **HANSA ÖL-UND GASBRENNER GMBH**
RHADE - DEUTSCHLAND

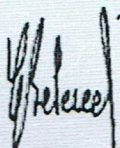
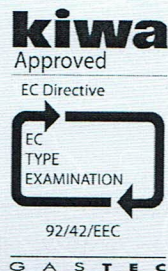
Have achieved the following (see Annex 1) full and part load efficiencies.

The assessment test have been performed using the following standards as guidelines:

EN 297:1994
 EN 297:1994/A6:2003

*The validity of this certificate can be verified by means of a register available on the website www.kiwa.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, as well as on updates and / or changes to the Technical Standards applicable unless specifically approved by Kiwa Cermet Italia*

Chief Operating Officer
 Giampiero Belcredi

Organismo Notificato n. 0476



SGQ N° 007A SSI N° 006G
 SGA N° 010D FSM N° 004I
 PRD N° 069B



Certificate

Kiwa Cermet Italia S.p.A.
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EC TYPE EXAMINATION CERTIFICATE

ANNEX 1

Models:

	HKS 21.O Nox	HKS 21.S Nox
η_{100}	90,9 %	90,9 %
η_{30}	90,1 %	90,1 %
η_4	81,9 %	81,9 %
η_1	81,1 %	81,1 %
P_4	23,5 kW	23,5 kW
P_1	n.t.	n.t.
C.Heater?	Yes	No
B ₁ Boiler?	Yes	Yes
Type of boiler:	"Other"	"Other"

Note:

η_{100} = At rated heat output and high-temperature regime - NCV (*)

η_{30} = At 30 % of rated heat output and low-temperature regime - NCV (**)

η_4 = At rated heat output and high-temperature regime - GCV (*)

η_1 = At 30 % of rated heat output and low-temperature regime - GCV (**)

P_4 = At rated heat output and high-temperature regime (*)

P_1 = At 30 % of rated heat output and low-temperature regime (**)

C.Heater = Combination heater (Yes = with domestic hot water production / No = Heating system only)

B₁ Boiler = B₁ according CEN/TR 1749:2014

Type of boiler = "Condensig Boiler" or "Low Temperature Boiler" or "Other Boiler"

Efficiency's values have been measured with gas G20.

(n.t. = not tested)

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(*) High-temperature regime means 60 °C return temperature at heater inlet and 80 °C feed temperature at heater outlet.

(**) Low temperature means for condensing boilers 30 °C, for low-temperature boilers 37 °C and for other heaters 50 °C return temperature (at heater inlet).



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Central heating boilers

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 Models: HKS 21.S Nox
 HKS 21.O Nox

Manufactured for **HANSA ÖL-UND GASBRENNER GMBH**
RHADE - DEUTSCHLAND

meets the essential requirements as described in the
Directive on appliances burning gaseous fuels 2009/142/EC

Mentioned products have been approved for

Appliance type: B_{11BS}
 Country: DE

Related to the following gas groups:

Group	mbar	Group	mbar
E	20	B/P	50
LL	20		

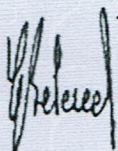
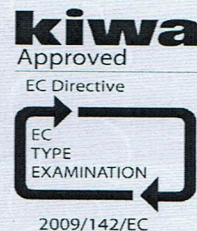
The above gas groups can be combined according to the standard EN437:2009 and national situation of countries.

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Chief Operating Officer
 Giampiero Belcredi

G A S T E C

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