



<b>Number</b>	KIP-16701/E	<b>Replaces</b>	KIP-15127/E and KIP-15128/E
<b>Issue date</b>	26-11-2020	<b>Contract number</b>	I7230
<b>Report number</b>	150101967/7	<b>Scope</b>	Art.4 of No.813/2013 (2-8-2013) and 92/42/EEC (21-05-1992)
<b>PIN</b>	0476CQ1967	<b>Module</b>	B (Type testing)

## EC TYPE-EXAMINATION CERTIFICATE (BED/R813)

Kiwa Cermet Italia, notified body for council Directive 92/42/EC, hereby declares that the products Boiler bodies, type(s):

**TAU 115 N, TAU 150 N, TAU 210 N, TAU 270 N, TAU 350 N**

Manufacturer

**RIELLO S.p.A.**  
**Via Ing. Pilade Riello, 7**  
**37045, Legnago (VR), Italy**

meet the requirements regarding useful efficiencies according to **article 4 of commission regulation (EU) No. 813/2013** and as described in the **Directive 92/42/EEC on efficiency requirements**.

Reference standard: EN 303-1:2017, EN 303-3:1998, EN 303-3/A2:2004, EN 303-3/AC:2006

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

**Kiwa Cermet Italia S.p.A.**  
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**GASTEC**

**Chief Operating Officer**  
*Giampiero Belcredi*



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## APPENDIX TO EU TYPE-EXAMINATION CERTIFICATE (BED/R813)

Brand name:

**RIELLO**

Specifications:

**Model:**

TAU 115 N

Condensing boiler:	yes
Range rated:	yes
Low-temperature boiler:	no
B1 boiler:	no
Combination heater:	no

Data meas. with **G20**

	Symbol	Value	Unit
Useful heat output			
At rated heat output and high-temperature regime (*)	P <sub>4</sub>	112,4	kW
At 30 % of rated heat output and low-temperature regime (**)	P <sub>1</sub>	n.t.	kW
Useful efficiencies			
At rated heat output and high-temperature regime (*)	η <sub>4</sub>	87,8	%
At 30 % of rated heat output and low-temperature regime (**)	η <sub>1</sub>	97,5	%

- (\*) 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).

Calculated values are based on gross calorific value (reference conditions:15 °C, 1013,25 mbar)

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## APPENDIX TO EU TYPE-EXAMINATION CERTIFICATE (BED/R813)

Brand name:

**RIELLO**

Specifications:

**Model:**

TAU 115 N

Condensing boiler:	no
Range rated:	yes
Low-temperature boiler:	no
B1 boiler:	no
Combination heater:	no

Data meas. with **OIL**

	Symbol	Value	Unit
Useful heat output			
At rated heat output and high-temperature regime (*)	P <sub>4</sub>	112,6	kW
At 30 % of rated heat output and low-temperature regime (**)	P <sub>1</sub>	n.t.	kW
Useful efficiencies			
At rated heat output and high-temperature regime (*)	η <sub>4</sub>	88,2	%
At 30 % of rated heat output and low-temperature regime (**)	η <sub>1</sub>	89,9	%

(\*) 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).

Calculated values are based on gross calorific value (reference conditions:15 °C, 1013,25 mbar)

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## APPENDIX TO EU TYPE-EXAMINATION CERTIFICATE (BED/R813)

Brand name:

**RIELLO**

Specifications:

**Model:**

TAU 150 N

Condensing boiler:	yes
Range rated:	yes
Low-temperature boiler:	no
B1 boiler:	no
Combination heater:	no

Data meas. with **G20**

	Symbol	Value	Unit
Useful heat output			
At rated heat output and high-temperature regime (*)	P <sub>4</sub>	146,6	kW
At 30 % of rated heat output and low-temperature regime (**)	P <sub>1</sub>	n.t.	kW
Useful efficiencies			
At rated heat output and high-temperature regime (*)	η <sub>4</sub>	87,9	%
At 30 % of rated heat output and low-temperature regime (**)	η <sub>1</sub>	97,7	%

(\*) 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).

Calculated values are based on gross calorific value (reference conditions:15 °C, 1013,25 mbar)

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## APPENDIX TO EU TYPE-EXAMINATION CERTIFICATE (BED/R813)

Brand name:

**RIELLO**

Specifications:

**Model:**

TAU 150 N

Condensing boiler:	no
Range rated:	yes
Low-temperature boiler:	no
B1 boiler:	no
Combination heater:	no

Data meas. with **OIL**

	Symbol	Value	Unit
Useful heat output			
At rated heat output and high-temperature regime (*)	P <sub>4</sub>	145,7	kW
At 30 % of rated heat output and low-temperature regime (**)	P <sub>1</sub>	n.t.	kW
Useful efficiencies			
At rated heat output and high-temperature regime (*)	η <sub>4</sub>	87,5	%
At 30 % of rated heat output and low-temperature regime (**)	η <sub>1</sub>	89,8	%

- (\*) 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).

Calculated values are based on gross calorific value (reference conditions:15 °C, 1013,25 mbar)

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## APPENDIX TO EU TYPE-EXAMINATION CERTIFICATE (BED/R813)

Brand name:

**RIELLO**

Specifications:

**Model:**

TAU 210 N

Condensing boiler:	yes
Range rated:	yes
Low-temperature boiler:	no
B1 boiler:	no
Combination heater:	no

Data meas. with **G20**

	Symbol	Value	Unit
Useful heat output			
At rated heat output and high-temperature regime (*)	P <sub>4</sub>	205,2	kW
At 30 % of rated heat output and low-temperature regime (**)	P <sub>1</sub>	n.t.	kW
Useful efficiencies			
At rated heat output and high-temperature regime (*)	η <sub>4</sub>	88,1	%
At 30 % of rated heat output and low-temperature regime (**)	η <sub>1</sub>	98,4	%

(\*) 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).

Calculated values are based on gross calorific value (reference conditions:15 °C, 1013,25 mbar)

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## APPENDIX TO EU TYPE-EXAMINATION CERTIFICATE (BED/R813)

Brand name:

**RIELLO**

Specifications:

**Model:**

TAU 210 N

Condensing boiler:	no
Range rated:	yes
Low-temperature boiler:	no
B1 boiler:	no
Combination heater:	no

Data meas. with **OIL**

	Symbol	Value	Unit
Useful heat output			
At rated heat output and high-temperature regime (*)	P <sub>4</sub>	203,7	kW
At 30 % of rated heat output and low-temperature regime (**)	P <sub>1</sub>	n.t.	kW
Useful efficiencies			
At rated heat output and high-temperature regime (*)	η <sub>4</sub>	87,5	%
At 30 % of rated heat output and low-temperature regime (**)	η <sub>1</sub>	89,8	%

- (\*) 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).

Calculated values are based on gross calorific value (reference conditions: 15 °C, 1013,25 mbar)

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## APPENDIX TO EU TYPE-EXAMINATION CERTIFICATE (BED/R813)

Brand name:

**RIELLO**

Specifications:

**Model:**

TAU 270 N

Condensing boiler:	yes
Range rated:	yes
Low-temperature boiler:	no
B1 boiler:	no
Combination heater:	no

Data meas. with **G20**

	Symbol	Value	Unit
Useful heat output			
At rated heat output and high-temperature regime (*)	P <sub>4</sub>	264,3	kW
At 30 % of rated heat output and low-temperature regime (**)	P <sub>1</sub>	n.t.	kW
Useful efficiencies			
At rated heat output and high-temperature regime (*)	η <sub>4</sub>	88,2	%
At 30 % of rated heat output and low-temperature regime (**)	η <sub>1</sub>	98,3	%

- (\*) 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).

Calculated values are based on gross calorific value (reference conditions:15 °C, 1013,25 mbar)

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## APPENDIX TO EU TYPE-EXAMINATION CERTIFICATE (BED/R813)

Brand name:

**RIELLO**

Specifications:

**Model:**

TAU 270 N

Condensing boiler:	no
Range rated:	yes
Low-temperature boiler:	no
B1 boiler:	no
Combination heater:	no

Data meas. with **OIL**

	Symbol	Value	Unit
Useful heat output			
At rated heat output and high-temperature regime (*)	P <sub>4</sub>	263,8	kW
At 30 % of rated heat output and low-temperature regime (**)	P <sub>1</sub>	n.t.	kW
Useful efficiencies			
At rated heat output and high-temperature regime (*)	η <sub>4</sub>	88,2	%
At 30 % of rated heat output and low-temperature regime (**)	η <sub>1</sub>	89,8	%

- (\*) 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).

Calculated values are based on gross calorific value (reference conditions:15 °C, 1013,25 mbar)

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## APPENDIX TO EU TYPE-EXAMINATION CERTIFICATE (BED/R813)

Brand name:

**RIELLO**

Specifications:

**Model:**

TAU 350 N

Condensing boiler:	yes
Range rated:	yes
Low-temperature boiler:	no
B1 boiler:	no
Combination heater:	no

Data meas. with **G20**

	Symbol	Value	Unit
Useful heat output			
At rated heat output and high-temperature regime (*)	P <sub>4</sub>	342,7	kW
At 30 % of rated heat output and low-temperature regime (**)	P <sub>1</sub>	n.t.	kW
Useful efficiencies			
At rated heat output and high-temperature regime (*)	η <sub>4</sub>	88,4	%
At 30 % of rated heat output and low-temperature regime (**)	η <sub>1</sub>	97,9	%

(\*) 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).

Calculated values are based on gross calorific value (reference conditions:15 °C, 1013,25 mbar)

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## APPENDIX TO EU TYPE-EXAMINATION CERTIFICATE (BED/R813)

Brand name:

**RIELLO**

Specifications:

**Model:**

TAU 350 N

Condensing boiler:	no
Range rated:	yes
Low-temperature boiler:	no
B1 boiler:	no
Combination heater:	no

Data meas. with **OIL**

	Symbol	Value	Unit
Useful heat output			
At rated heat output and high-temperature regime (*)	P <sub>4</sub>	342,7	kW
At 30 % of rated heat output and low-temperature regime (**)	P <sub>1</sub>	n.t.	kW
Useful efficiencies			
At rated heat output and high-temperature regime (*)	η <sub>4</sub>	88,4	%
At 30 % of rated heat output and low-temperature regime (**)	η <sub>1</sub>	90,0	%

- (\*) 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).

Calculated values are based on gross calorific value (reference conditions:15 °C, 1013,25 mbar)

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