



UAB "VAKARO RASA"

Reg.No. 168943460

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Address: Trakiškis, Panevėžio raj.

Lithuania

RESEARCH 2014 01 07 - 2014 01 17 PROTOCOL NR.: VR4- L20U

Equipment used in the studies:

Combustion products analyzer - Maxilyzer NG Plus

Heat meter calculator - SKS-3 (Axis Industries)

The study parameter values		
Model	L20u	L20u
Fuel type	Beržinės malkos	Lenkiška almens anglis
The amount of fuel, kg	35	100
Humidity of fuel, %	15-20	8
Fuel burning time, val	24.5	103.5
Water stream in the heating system m ³ /h	0.45	0.45
Calorific Value of fuel, kcal	4510	7000
Energy produced, kcal	138477	605374
Efficiency, %	87.727	86.482
Oxygen content O ₂ , %	9,4-10,2	9,5-10,4
CO mg/m ³ MIN	243	453
CO mg/m ³ MAX	4251	4632
CO mg/m ³ average, of the total combustion time	2874	3143
Smoke temperature MIN, °C	85	100
Smoke temperature MAX, °C	284	297
Traction, Pa	15-18	15-18
Outlet water temperature average, °C	68	81
The inlet water temperature average, °C	51	67

Chief Engineer

General Manager



Vytautas Remeikis

Valdas Krasauskas



Certificate No.: 0897/1448/14