

„ITEM Consult” Ltd

Sofia 1220, 8, Istorica Slavianobulgarska Blvd., Bulgaria

CERTIFICATION, TESTING, SUPERVISION OF DEVICES WITH INCREASED RISK

№ДИ-093/28.03.2023

ASSURANCE Prüfzeugnis

Feuerstättenart: *Biokraftstoff (Holz) Heizgerät (Ofen)*
Product type: *Biofuel (wood) heating device (stove)*

Typ: *Heizgerät für feste Brennstoffe*
Type: *Solid fuel heating appliance*

Modelle: *“A000060 -NEW YORK”*
Model(s):

Hersteller: *“ROE DEER STOVE OVEN BBQ FIRE PLACE”*
Manufacturer: *Address: Başköy Dökümcüler Sitesi D5 Sokak No: 2,
Nilufer/Bursa/Turkey*

Dieses Dokument weist auf die Einhaltung der Anforderung der 2. BImSchV in Bezug auf Energieeffizienz und Emissionen hin.

This document indicates compliance with the requirements of the 2nd BImSchV regarding energy efficiency and emissions.

Testergebnisse: *Bewertungen und Testergebnisse sind auf Seite 2 angegeben.*
Test Results: *Ratings and test results are reported on page 2.*

Dieses Prüfzeugnis basiert auf einem Prüfbericht der
This Assurance is based on a Test Report issued by

**“ITEM Consult” Ltd. Sofia 1220,
bul. Istorica Slavianobulgarska. № 8**

Für den Nachweis der Einhaltung und von der Norm verlangten Anforderung wird auf dem Prüfbericht

For den verification of compliance with the requirements required by the standard, reference is made to the test report

Prüfberichtsnummer: *CPR 362/09.03.2023 and Test Report 362 NA/09.03.2023*
Test Report Reference № *(issued by ACCREDIA lab. № - CPR 21 – NB 1837)*

Dieses Dokument besteht aus 2 Seiten mit 0 Anhängen.
This document is composed of 2 pages including 0 annexes.



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Wir bestätigen auf Grundlage der Typprüfung nach EN 13240:2006 and EN 9096:2017 dass Dnforderungen dn die Emissifnsgrenzwerte und den Mindestwirkungsgrad gemäß 2. Stufe, 1.BlmSchV (ab 2015) eingehalten warden.

We confirm on the basis of the type test according to EN 13240:2006 and EN 9096:2017 that the requirements on the emissions limit values and the minimum efficiency according to the second stage, 1.BlmSchV (ab 2015).

	Nennwärmeleistung Nominal heat output	Genzwert Limit	Comply
Nennwärmeleistung: kW Nominal heat output:	10.04	≥ 4	Pass
Wirkungsgrad % Efficiency:	75.29	≥ 75	Pass
Kohlenmonoxid (CO) ^x mg/Nm ³ CO emission ^x	1004.27	$\leq 1.25 \text{ g/m}^3$ $\leq 1250 \text{ mg/m}^3$	Pass
Staub ^x mg/Nm ³ Dust emission ^x	18.84	$\leq 40 \text{ mg/m}^3$	Pass

^x bezogen auf 13% O₂/value at 13% O₂

2023-03-28

Manager.....



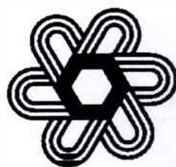
/M. Sc. L. Vasilev /

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CERTIFICATION, TESTING, SUPERVISION OF DEVICES WITH INCREASED RISK

ECODESIGN REQUIREMENTS FOR SOLID FUEL LOCAL SPACE HEATERS ACCORDING TO COMMISSION REGULATION (EU) 2015/1185 IMPLEMENTING DIRECTIVE 2009/125/EC OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL

№DI-092/28.03.2023

Trade mark:	„ROE DEER STOVE OVEN BBQ FIRE PLACE”
Appliance:	Biofuel (wood) heating device (stove)
Model:	“A000060 –NEW YORK”
Stoking mode:	Manual
Indirect heating functionality:	No
Direct heat output:	10.04 kW
Indirect heat output:	not applicable

Fuel	Preferred fuel (only one)	Other suitable fuel (s)	η_s (%)	Emissions at nominal heat output				Emissions at reduced heat output			
				PM	OGC	CO	NO _x	PM	OGC	CO	NO _x
				mg/m ³ at 13% O ₂							
Log wood, moisture content $\leq 25\%$	yes	no	65.23	19	45	1009	110	-	-	-	-
Chipped wood, moisture content 15-35%	no	no									
Chipped wood, moisture content $>35\%$	no	no									
Compressed wood in the form of pellets or briquettes	no	no									
Sawdust, moisture content $\leq 50\%$	no	no									
Non-woody biomass	no	no									
Bituminous coal	no	no									
Brown coal (including briquettes)	no	no									
Coke	no	no									
Anthracite	no	no									
Blended fossil fuel briquettes	no	no									
Other fossil fuel	no	no									
Blended biomass (30-70%) fossil fuel briquettes	no	no									



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CERTIFICATION, TESTING, SUPERVISION OF DEVICES WITH INCREASED RISK

Other blend of biomass and fossil fuel	no	no								
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Characteristics when operating with the preferred fuel only:

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Useful heat output				Useful efficiency			
At rated heat output	P_n	10.04	kW	At rated heat output	η_n	75.29	%
At (30%/50%) of rated heat output if it's applicable	P_p	-	kW	At (30%/50%) of rated output if applicable	η_p	-	%
Auxiliary electricity consumption				Type of heat output/room temperature control			
At rated heat output	$e_{l_{max}}$	-	kW	Single stage heat output, no room temperature control	Yes/no	No	
				Two or more manual stages, no room temperature control	Yes/no	No	
				With mechanic thermostat room temperature control	Yes/no	No	
At (30%/50%) of rated output if applicable	$e_{l_{min}}$	-	kW	With electronic room temperature control	Yes/no	No	
In standby mode	P_{SB}	-	kW	With electronic room temperature control plus day timer	Yes/no	No	
Permanent pilot flame power requirement				With electronic room temperature control plus week timer	Yes/no	No	
Pilot flame power /if applicable/	P_{pilot}	N.A.	kW	Other control options			
				Room temperature control with presence detection	Yes/no	No	
				Room temperature control with open window detection	Yes/no	No	
				With distance control option	Yes/no	No	

CONCLUSION:

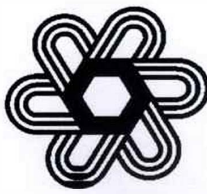
Biofuel (wood) heating device (stove)“ New York VISION” – 10.0 kW MEET THE REQUIREMENTS OF Annex II „Ecodesign Requirements” of REGULATION (EU) 2015/1185.

Contact details	Name and address of the manufacturer or its authorised representative
	ROE DEER STOVE OVEN BBQ FIRE PLACE. Address: Başköy Dökümcüler Sitesi D5 Sokak No: 2 Nilufer/Bursa/Turkey

Prepared by: 
/M. Vasileva/

Manager: 
/M. Sc. L. Vasilev /





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№DI-091/28.03.2023

Регламент/Regulation (EU) 2015/1186

Product: Biofuel (wood) heating device (stove)
Manufacturer: „ROE DEER STOVE OVEN BBQ FIRE PLACE”
Model: „A000060 -NEW YORK”
Requested by: „ROE DEER STOVE OVEN BBQ FIRE PLACE”
Başköy Dökümcüler Sitesi D5 Sokak No: 2 , Nilufer/Bursa/Turkey

Stoking principle: Manual
Test Fuel: Wood - beech, Test report for the fuel №10648/31.08.2022
Test procedure: EN 13240:2006
Test report no: CPR 362/09.03.2023

Fixed values:

F (5)	Correction factor accounting for a negative contribution to the energy efficiency index by energy consumption of a permanent pilot flame	0 [%]
CC	Conversion coefficient for electricity consumption	2,5 [-]
BLF	Biomass label factor	1,45 [-]

Test results:

$\eta_{nominal}$	Calculated efficiency at rated heat output	75,29 [%]
$\eta_{minimum}$	Calculated efficiency at minimum heat output	0,00 [%]
M	Test fuel, moisture	11,78 [%]
GCVmf	Test fuel, gross calorific value, moisture free	19,66 [MJ/kg]
Hiw	Test fuel, net heating value, with moisture	15,96 [MJ/kg]
Hiwf	Test fuel, net heating value, moisture free	17,34 [MJ/kg]
$e_{l,max}$	Electric power requirement at nominal heat output'	0 [kW]
$e_{l,min}$	Electric power requirement at minimum heat output'	0 [kW]
$e_{l,SB}$	Electric power requirement in standby mode'	0 [kW]
P_{nom}	Nominal heat output	10,04 [kW]
P_{min}	Minimum heat output	0,00 [kW]

Calculations

$\eta_{th,nom}$	Useful efficiency, at either nominal heat output	75,29 [%]
$\eta_{th,min}$	Efficiency at reduced output	0,00 [%]
$\eta_{el,n}$	Electrical efficiency of solid fuel cogeneration boiler	0,00 [%]
η_{son}	Seasonal space heating energy efficiency in active mode	75,29 [%]
η_s	Seasonal space heating energy efficiency	65,29 [%]
F(2)	Correction factor accounting positive contribution to the EEI of controls of indoor heating comfort, which values cannot be summed	0,0 [%]
F(3)	Correction factor accounting positive contribution to EEI of the controls for indoor heating comfort	0,0 [%]
F(4)	Correction factor accounting for a negative contribution to the EEI by auxiliary electricity consumption	0,0000 [%]

Calculation of the Energy Efficiency index:

Energy Efficiency: 99,17
Energy Efficiency class: **A**
Energy Efficiency index (EEI): $88 \leq EEI < 107$

Изготвил:

M. Василева

Manager:

/M. Sc. L. Vasilev /

