



# CERTIFICATE

за "ЕС Изследване на типа - изследване на  
проекта на типа - Модул B"  
"EU Type examination - design type – module B"

№: 1837-PED-0219

Име и адрес на производителя: Manufacturer's Company name and address:	D.O.O. ŠUKOM-KNJAŽEVAC Branka Radicevica 4 street, 19350 Knjazevac, Serbia
Описание на съоръжението: Product / Type designation:	Отоплителни котли на твърдо гориво – ŠUKOPLAM 20÷750 kW Heating boilers for solid fuel – ŠUKOPLAM 20÷750 kW
Техн. данни на проекта: Technical data of the design:	see Annex – page 2
Мах. работно налягане (bar): Max. admissible operat. Pressure(bar):	3,0
Макс. работна температура (°C): Maximal operating temperature (°C):	100
Доклад №/Conformity Report №:	222/08.01.2020

The "ITEM Consult" confirms that after carried out procedure "EU Type examination - design type – module B", the design of pressure equipment "Heating boilers for solid fuel, type: ŠUKOPLAM 20÷750 kW", fulfill the essential safety requirements specified in p. 2.10, 2.11, 3.4, 5 (a) and 5 (d) from Annex I of Directive 2014/68/EU, introduced by "Regulation of essential requirements and conformity assessment of pressure equipments".

Условия на валидност: 10 години  
Validity: 10 years

13.01.2020  
Sofia, Bulgaria  
(Place and date of issue)

Manager "ITEM Consult" Ltd:  
(Eng. L. Vasilev)





**"ITEM Consult" Ltd**  
**Notified Body for Pressure Vessels**  
**and Pressure Equipments**

Annex to certificate № 1837-PED-0219/13.01.2020

**TECHNICAL DATA**

Boiler type	Nominal Power (kW)	Connection dimensions			Max. admissible operat. pressure (bar)	Water content (l)	
		Flue pipe (mm)	Safety heat exchanger (mm)	Thermo-manometer (mm)			
20	20	160	5/4"	/	3	120	
30	30			/	3	140	
40	40			/	3	165	
50	50	180	5/4"	/	3	190	
65	65			/	3	245	
80	80	200	6/4"	/	3	280	
100	100			2"	1"	3	310
125	125			2.5"	5/4"	3	355
150	150	240	2.5"	5/4"	3	400	
175	175	260			3"	6/4"	3
200	200	300	3"	2"	3	600	
250	250	350	3"	2"	3	700	
300	300		3"	2"	3	820	
350	350		3"	2"	3	970	
400	400	390	3"	2"	3	1200	
500	500	430	4"	2"	3	1540	
550	550		4"	2"	3	1750	
750	750		480	4"	2.5"	3	1990

**List of relevant parts of the technical documentation**  
**of the Heating boiler's body**

1. General description of the ŠUKOPLAM boiler's body.
2. The manufacturing drawings of the components and sub-assemblies of the ŠUKOPLAM boiler's body.
3. The list of the harmonised standards applied in full or in part.
4. Instructions for installation and use.
5. On flow and final inspections plan.
6. The qualification of the welders and welding approvals (WPS,WPQR), according to PED 2014/68 EU, Annex I, items 3.1.2.
7. Technical data of ŠUKOPLAM boiler's body for thermal power range 20-750kW.
8. Risk analysis.

