

**List of the main indexes of the performance of boiler unit  
II-57 (No.8)  
Branch of «OGC-2» OJSC – «Troitsk SDPP»**

No.	Parameter	Dimension	Data	
			Until repair March, 2015	After repair with the installation of CMKA <sup>®</sup> heat exchange elements into RAH August, 2015
1.	Type of RAH		PBII-9.8	
2.	Steam capacity	tons/hour	1460	1525
3.	Type of fuel		Ekibastuz coal	
	Fuel consumption	t/h	238	254
	Calorie content of fuel	kcal/ kg	4018	4003
4.	Coefficient of excess air at furnace outlet		1.07	1.12
	Coefficient of excess air before RAH		1.239	1.266
	Coefficient of excess air behind RAH		1.767	1.581
5.	Gas temperature at RAH inlet	°C	376	375
	Gas temperature at RAH outlet	°C	165	152
	Air temperature at RAH outlet	°C	277	318
6.	RAH resistance by gas	mm of water column	152	85
	RAH resistance by air	mm of water column	70	40
7.	Flue gas temperature	°C	137	133
	Boiler gross efficiency	%	89.96	90.52

Chief Engineer

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