

**List of the main technical and economical indexes of the performance of boiler unit  
 ПК-39 (No.7)  
 Branch of «OGC-2» OJSC – «Troitsk SDPP»**

No	Parameter	Dimension	Data	
			Until repair February 06, 2009	After repair May 06, 2010
1	Type of RAH		БПР-2	БПР-2
2	Steam capacity	tons/hour	890	895
3	Type of fuel		Coil	Coil
4	Fuel consumption	tons/hour	160	162
5	Calorie content of fuel	kcal/ kg	4080	3890
6	Air inleakage into furnace	%	10.5	6.5
7	Excess air coefficient at the transition section	-	1.34	1.32
8	Excess air coefficient before RAH	-	1.35	1.42
9	Excess air coefficient after RAH	-	1.58	1.48
10	Gas temperature at RAH inlet	°C	290	310
11	Air temperature at RAH inlet	°C	32	33
12	Gas temperature at RAH exit	°C	165	178
13	Air temperature at RAH exit	°C	185	302
14	RAH resistance by gas	mm w.c.	95	120
15	RAH resistance by air	mm w.c.	83	90
16	Temperature of released gases	°C	140	155
17	Heat loss with released gases	%	7.3	6.79
18	Boiler gross efficiently	%	87.2	88.97

Head of Test and Setup Workshop

A.V. Cheremuchin