

**List of main parameters of boiler functioning (TFM-84A No.2)
Novo-Salavatskaya power plant**

No.	Parameter	Dimension	Before repair September, 2011	After repair with the installation of CMKA [®] heat exchange elements into RAH October, 2013
1.	Type of RAH – PБИ-54			
2.	Steam capacity	tons/hour	375	375
3.	Type of fuel		gas	gas
	Fuel consumption	m ³ /h	8.01	8.01
	Calorie content of fuel	kcal/m ³	8104	8104
4.	Air leakage into furnace	%	5	5
	Coefficient of excess air at furnace outlet		1.036	1.036
	Coefficient of excess air before RAH		1.16	1.15
	Coefficient of excess air after RAH		1.36	1.33
5.	Gas temperature at RAH inlet	°C	298	305
	Air temperature at RAH inlet	°C	29	22
	Gas temperature at RAH outlet (flue gas)	°C	158	135
	Air temperature at RAH outlet	°C	235	243
6.	RAH resistance by gas	mm of water column	60	85
	RAH resistance by air	mm of water column	-	-
7.	Temperature of flue gases	°C	157	131
	Heat loss with flue gases	%	7.05	5.52
	Boiler gross efficiency	%	92.59	94.12

Chief Specialist of Production and Technical Dpt.

M.U.Novokshanov