

Good morning,

Along with these, I would ask you to remember that economic and technological effect from the installation of my systems is very large. And it may be a new area of active business for you.

Latin America is full of poor quality fuel oil, which quickly reduces the efficiency of the boilers by reducing the efficiency of heat exchangers.

One Aluminium Company - heat transfer surface **before installing our homogenizer**



heat transfer surface after installing my homogenizer (TRGA system)



TRGA-3G-08 before black oil atomizers ...





Next TRGA-3G-08 before black oil atomizers ...



Our unit - increases the temperature of fuel oil combustion and ensures complete combustion of fuel oil and the amount of residue on the heat exchangers is greatly reduced

This is open document - the Internet version of the report from a client of Africa (Alluminum Mill RUSAL)

<http://www.energy-saving-technology.com/test/rsal-test-noname-en.pdf>

(of course we have the original scanned with the signature and seal).

Please see the difference with the state of the heat exchanger of the boiler in the past month with our device without it.

Please see the difference in specific consumption. - 4.1%. The automated control system - from US, the measurement accuracy is 1 gram of oil, per 1 ton of steam.

average consumption of heavy fuel oil to the boiler 9 tons per hour (up to 15 tons). Direct economic impact $9 * 24 * 30 * 10 * 0.04\% = 2592$ tons of fuel oil per year.

It is clear that oil is now cheap, but **\$259 200 is money too**, and so the price of oil can not be eternal. In January 2016 the price of oil in Colombia was 1.4 dollars per 1 liter ...

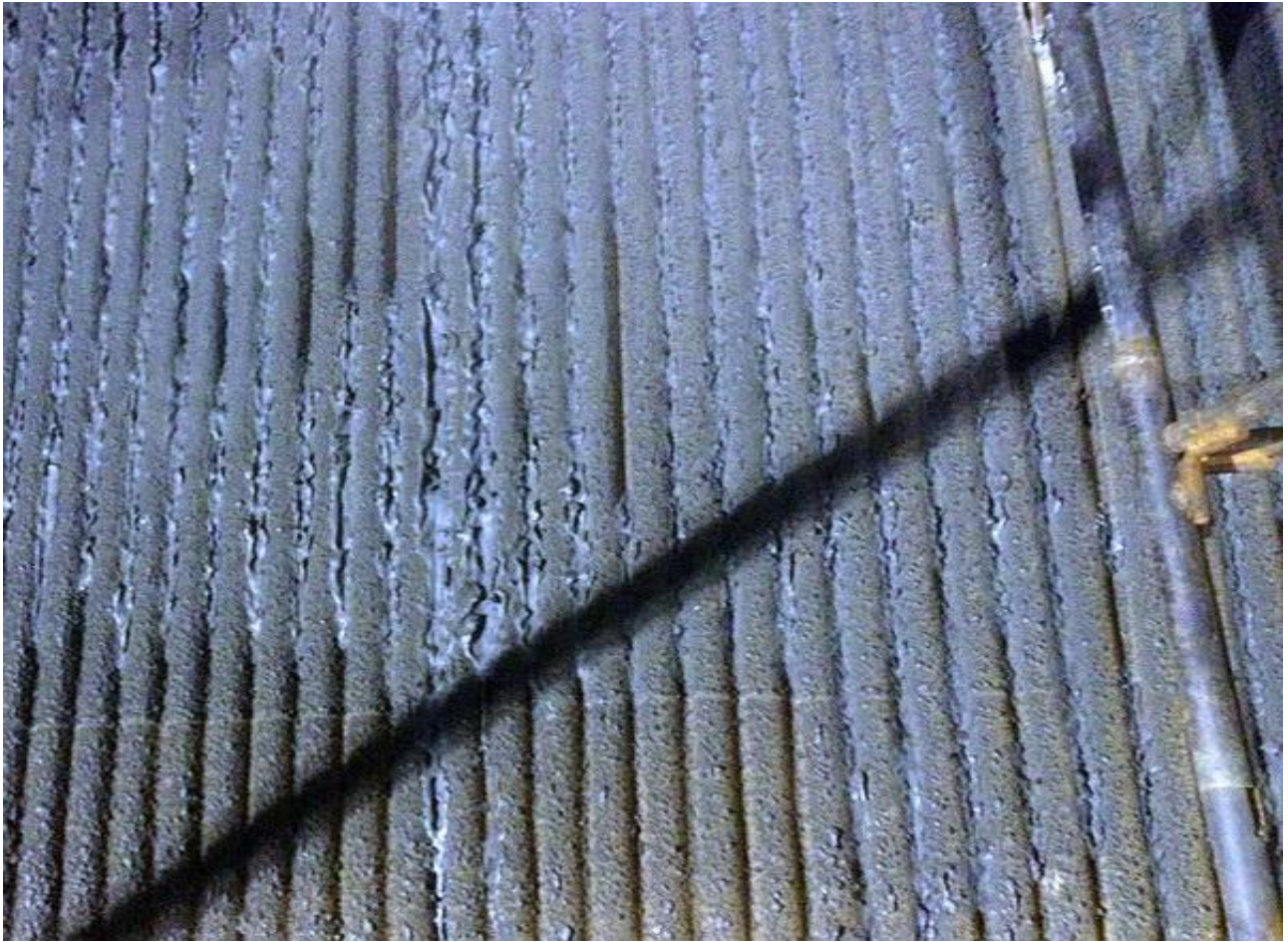
Before



After



Below - too sensitive photos. Just to show you or someone in your hands or on your computer.
This heat exchanger at the mine in Guatemala - January 2016



Some of my installation ... <http://www.afuelsystems.com/ru/trga/trga-mz.html>


Shems - http://www.energy-saving-technology.com/en/trga_shems_en.html

Comparative examples burning heavy fuel oil.

http://www.energy-saving-technology.com/en/hfo_burning_en.html

reliability of operation - some of our systems are working 6 years ...

1. **Safety of operation.** The average operating time for the boiler - 10 months per year.

№	TRGA model of homogenizer	flow of black oil (tons) / total amount of solids (tons) / total amount of solids with a reduction factor 0.2 (pre-filtering and recycling) (tons)			
		max. and average p/h.	per 1 year	per 2 years	per 5 year
1	TRGA-3G-05	6, 4	28 800 288 tons 57.6	86 400 864 tons 172.8	144 000 1 440 tons 288
2	TRGA-3G-08	9, 7	50 400 504 tons 100	151 200 1 512 tons 302	252 000 2 520 tons 504
3	TRGA-3G-10	11, 8	57 600 578 tons 115	172 800 1 728 tons 345	288 000 2 880 tons 576
4	TRGA-3G-15	16, 12	86 400 864 tons 172	259 200 2 592 tons 518	432 000 4 320 tons 864
5	TRGA-3G-20	21, 18	129 600 1 296 tons 259	388 800 3 888 tons 777	648 000 6 480 tons 1 296
6	TRGA-3G-30	32, 26	187 200 1 872 tons 374	561 600 5 616 tons 1 132	936 000 9 360 tons 1 872
7	TRGA-3G-40	43, 36	259 200 2 592 tons 518	777 600 7 776 tons 1 555	1 296 000 12 960 tons 2 592
for comparison - open top wagon volume is 120 m. cub., lifting capacity is 60 tons.					

And you know better than others, how clean surface provide efficiency for heat exchanger.
We can do it for long time ...

Here, for your convenience - I repeat once again block for customers.

1. Typical offers for fuel-saving TRGA system for industrial boiler.
Three parts - declaration and conditions (for managers), images and effects (for technicians) and detailed explanation (for experts).
2. Work with customers - algorithm, documentation and support.
3. Full questionnaire..

I think it's a very good and honest business in Latin America. Installation, maintenance, replacement. It can be in various forms. It is important to remember – bad black oil – is a problem and we can solve this problem. Practically.

Best regards
Andrew V. Ruban
www.afuelsystems.com
www.energy-saving-technology.com
5183898@ukr.net

cell phone +380+50+5183898
w.f. +380+472+313396
VIBER +380505183898 just add this number to your cell
<https://twitter.com/andrruban>