

I have a solution to the dust issues from the Saxon Works.
Free Window Cleaning & Car Washes every Week.

I was the Electro-Technical Engineer on a Tanker/Products Carrier during the late 90's, we delivered fuel to Power Stations up and down the East Coast of the US.

For us, it was a good run, because, we always got a run ashore and there was telephones nearby to call home.

We would discharge Fuel Oil to the Power Stations.

The '**Scam**' by the Power Stations was – nearing completion of discharge they would ask us to increase the output (don't know why) – in order to do this we had to ramp up the fuel to our own boilers, this caused a brief 2 second 'Puff' of smoke out of the funnel.



5 minutes later the Power Station Manger would come onboard with a Polaroid picture of the 'offending Puff' and put a \$5,000 fine on the ship for air pollution.

The \$5,000 was to pay for all the workers cars to be washed and cleaned from any contaminates we had 'Puffed' out.

We and other ships were hit with this every time we discharged there.

The next call - what we did was – when they asked for an increase in output – we never increased the boiler output, we had someone take our own pictures of our funnel at the time with the then modern 'Video Camera'



Sure enough the Manager turned up with his Polaroid picture – however we had our own data proof that no increase occurred and Video evidence of No Puff out of the funnel.

He came clean – they used similar or older pictures all the time in order to extract 'Free Car Washes' for all the staff on a twice weekly basis – depending on what ship was discharging.

The Manager was dismissed and there were no more issues with Puffs of smoke.

Moral : - Maybe we residents who are suffering the Dust Issues from the Saxon Works should send the receipts to the operators to have our car and windows cleaned (weekly).

Can you think of some better way of temporarily solving the problem.

This story is meant as a light hearted refreshing story – The real issues are of serious concern.

ps - Let's take a look at the main reasons for this problem:

To troubleshoot this situation, we need to concentrate on three machinery systems, which are normally running in port with their exhaust/ smoke outlet directed to ship's funnel – Generator, Boiler and Inert gas generator.

*The main cause of black smoke is imbalance in the air fuel ratio. This means that either there is shortage of air or the fuel supplied to injector is not being treated properly.
The black smoke comprises of particulates, which are large fuel particles that are not broken during combustion due to lack of oxygen.*