

## Steam Boiler Water Treatment Further Information.

So far in the UK, we have been lucky, there have not been many fatalities in and around boilers and steam systems, but we know there are a lot more near misses than are reported. We have recently seen several pictures from more than one site where they have had a furnace collapse which must have only been seconds away from disaster and a full boiler explosion and are not reported to the HSE under RIDDOR. This is not a problem with boiler design or manufacture but it's how you operate and maintain your equipment.

So, if you are playing Russian roulette with your plant consider the following:

- **2014 Rotheram, Sterecycle explosion killed one and life changing injuries to a second, major fines and company went out of business. Several senior managers went to prison.**
- **2014 Immingham biodiesel manufacturer boiler explosion no injuries but cost the business £1.6mill as reported in their annual report.**
- **2015 GSK Belgium Boiler Explosion killed one, we believe millions of pounds spent in review/prevention across UK & Ireland sites.**
- **2016 Cambridge Boiler Explosion no injuries, inappropriate maintenance repair.**
- **2017 Birmingham Boiler Explosion killed one person and injured 2 more.**

CEA are trying to help you and your industry understand the hidden potential risks when operating steam boilers – A Multinational company has suffered as a result of the boiler explosion on one of their sites that killed a 24-year-old technician, All the facts have not emerged yet, but please take a look at this link and decide if this could be you. [Do you really know](#) - What would be the impact on your business?

The water chemistry inside your boiler can change very quickly if something goes wrong therefore a minimum of daily testing is a must. A recent explosion at a site in Immingham highlighted this point. This course is designed for people who **ARE NOT CHEMISTS** and don't have any qualifications in boiler water treatment.