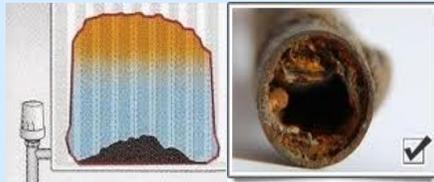


## Our Services

*Trained Specialists in Central Heating  
Power Flushing.*

*Oil Boiler Installations / Servicing /  
Repairs.*

*Gas Boiler Installations / Servicing /  
Repairs.*



Fouled Radiators and Blocked Pipes

DNE Plumbing & Heating only use engineers qualified in the particular field they are working. The list of qualifications our engineers hold are outlined below.

- **Our Engineers are proud to wear a Uniform**
- **CRB Checked for customer security and peace of mind**
- City & Guilds Plumbing qualified
- WRAS Water Supply (Water Fittings) Regulations 1999
- Part L Energy Efficiency for Domestic Heating
- UHW Unvented Hot Water Storage Systems
- Part P Registered Engineers
- Gas Safe Registered Engineers
- Kamco trained specialists for Power Flushing
- OFT10-101 Domestic/light commercial oil fired servicing and commissioning
- OFT10-105e Domestic oil firing system installation and energy conservation
- OFT10-600a Domestic and non-domestic oil storage and supply connected to fixed appliances



## DNE Plumbing & Heating

Office 5, Lawn Hall Chase  
North End  
Essex  
CM6 3PL

Phone: 01245 8 35663  
[www.powerflush-it.co.uk](http://www.powerflush-it.co.uk)  
E-mail: [info@powerflush-it.co.uk](mailto:info@powerflush-it.co.uk)

# *Power Flush- it!*

- *Trained Specialists in Central Heating Power Flushing.*
- *Power Flushing since 2008.*
- *The jobs not done until the systems clean!*
- *Latest equipment used with effective and efficient products.*

*Covering Essex*



**0808 192 9202**



**DNE Plumbing & Heating**  
[www.powerflush-it.co.uk](http://www.powerflush-it.co.uk)

**01245 8 35663**



## Power Flushing Specialists

Our Kamco trained specialists in Power Flushing and Descaling cover the county of Essex offering a specialist service

1. We will arrive and begin to set up the equipment to the heating system. The type of heating system will determine how we connect to the system.



2. The radiator valves are checked to ensure they are working correctly.



3. The machine is then switched on and all radiators are again checked to ensure that there is no weeping at the valves or elsewhere.



4. The dirty water is then dumped and the system is re-filled with clean water.
5. The chemicals are then added at this point and the boiler either switched on for heating the water or our Kamco purpose fit immersion will heat up the water should the boiler be not working or not installed.



6. The circulation pump that may have been removed is then cleaned. This is beneficial as can be seen below.

This piece of debris was taken from the impeller of the above



7. The Header tank, or F&E tank, (if present) is then cleaned until all sludge is removed.

8. By now the chemicals should have began to break down the matter within the system, the radiators are then, in turn switched of and individually cleaned.

9. Each radiator is agitated with a Rad hammer to loosen up the debris within and to aid flushing, this is done regardless and as a matter of course.



10. With our magnet, we are able to capture debris and prevent it being dispersed back into the system, this is cleaned throughout the process.

This is an example of the sludge that can be removed from a system, this highlights the importance of a Power flush.



11. After all the system has been thoroughly cleaned, the radiators are again flushed through but this time the water from each radiator is dumped.



Whilst the water is being dumped from each radiator, a sample of water is taken. This sample reading must match that to the incoming mains water to ensure that the system is cleaned effectively.

12. Once the radiators have been cleaned, the system is flushed as a whole with a TDS reading taken, once this matches the required reading the system is clean.

13. At this point, if acid has been used to clean the system then neutralising crystal are added and allowed to flush through for 15 –20 minutes. The water is again dumped and Ph readings taken to ensure that the reading is neutral. The process is only finished once the reading is 7.5.

**ALL ACID MUST BE REMOVED FROM THE SYSTEM**

14. Inhibitor is then added to the system and the heating system is balanced to ensure equal heating throughout your home.

15. We then issue you with your cleaning certificate which has a record of the TDS readings. This certificate may be required by the boiler manufacture in the event of boiler break down, or may also be requested by your heating insurance company.