



Pump Out Guide and
Associated Services

Why Would I Need To Pump Out My Kettle?

There are many reasons why a full pump out of the kettle will be required. Here are a selection:-

- Your furnace may have been working outside of its normal operating parameters and you may be concerned that the kettle may have been damaged. The kettle as a whole may not need replacing, but remedial work may be required.
- Your kettle may require end of life decommissioning and would need to be pumped out.
- Your kettle may have been in operation for a few years and you are interested in the level of wear that has occurred to help plan for any future kettle changes. To avoid this, Zinco UK can perform a non-invasive kettle test. For information on please visit www.zincouk.com or [click here](#)

I Need To Pump Out My Kettle. What Options Do I Have?

In basic terms you have two options available for you to consider.

- The traditional route. Pumping into containers such as barrels or moulds, letting the zinc cool and repacking the kettle.



- Use the services of Zinco UK to pump out the zinc from your kettle into our holding vessels and purpose built moulds.

What Is Involved In Zinco UK's Method?

- Zinco UK have at their disposal a large selection of equipment designed specifically to ensure that a pump out is done as quickly and safely as possible.
- We have a selection of portable furnaces that can be used to hold the zinc in a molten state. The zinc is pumped directly from the galvanizing kettle into these furnaces.
- If there is an especially large amount of zinc, we also have at our disposal a number of zinc moulds where the zinc can harden and be easily removed.
- Putting these blocks into the kettle, then covering them in the molten zinc ensures full contact with the kettle wall. This removes the possibility of thermal shock of the kettle and significantly reduces start up time.

What Equipment Do Zinco UK have Access To?

Zinco UK have a molten zinc storage capacity of up to 440T available.



For very large installations we are able to use zinc moulds in conjunction with our furnaces (100no with an approximate capacity of 2.2 tonnes per mould)

What Services Can I use Zinco UK For?

- We can provide a full service where we organise a full pump out, remedial work or kettle replacement, and zinc return. We would also work closely with your furnace provider to ensure the plant is returned to operational state as quickly as possible.
- Alternatively, we can undertake any part of the process on its own if you have other people to undertake the work. We will liaise with them and provide them with any help required.
- Our team have an exhaustive knowledge of the pumping out process and all galvanizing issues, and can advise customers on technical matters throughout the process, providing peace of mind.

Why should I choose Zinco UK?

- Zinco UK's team has a wealth of experience in the galvanizing and pump out sectors
- We have access to a variety of equipment to ensure the process is as smooth and safe as possible.
- We can provide expert advise to you, and liaise with any other contractors on site to ensure the process goes smoothly.
- We are a dynamic company, and can react quickly and professionally to any changes throughout the process.

Contact Us

If you are interested about this process, or have any questions relating to this or any of our services please do not hesitate to contact us at:

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Or call us on 00 44 (0)1432 376137

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