



THERMOSAFE® Induction Heater Consistent & Reliable for Many Years

Our award-winning THERMOSAFE® Induction Heater has shown once again why, after 30 years of production, it is still the number one in the market. One long-standing customer and regular user of the Type A THERMOSAFE® returned their unit to our UK factory for assessment after 27 years use. After a full set of tests we found it to be in perfect working order, still performing as new. We simply replaced the cable and gland before returning it for many more years' service.



New Heater...



...After 27 years!

Supremely safe and fast, our timeless induction heaters work by creating their own magnetic field which directly heats the steel wall of the drum. No radiant elements, no moving parts, just a permanent drum heater that you can rely on for a lifetime. Fully ATEX and IECEx certified for use in Zone 1 and 2 Hazardous Areas.

Contact LMK Thermosafe Limited for a quote today.

Case Study – Adshead Ratcliffe

30 years of continuous performance



The original THERMOSAFE® Induction Drum Heater was developed and field tested in the early 1980's primarily to solve the problem of heating polybutene synthetic resins, which are highly viscous at normal ambient temperatures, have a very low thermal conductivity and can be combustible under certain conditions.

Certification for the heater's use in potentially explosive atmospheres was gained in 1986 and one of the very first batch to be commercially manufactured was supplied to Adshead Ratcliffe, after running field trials in conjunction with BP Chemicals using their "Hyvis" product. In the following years, the heaters have been sold to over 60 countries.



Adshead Ratcliffe continued to use their first heater in the manufacture of intumescent strips for sealing of glazing in commercial buildings, and as sales increased, the heater just kept on operating safely and efficiently, year by year by year.



When an additional heater became necessary, alternatives were considered, but nothing could compare to the standards of reliability and durability set by the THERMOSAFE® so a second unit was purchased in 2015, almost 30 years after the original, followed by a third in 2018 and yet another in 2019.

China clay is used extensively in the production process, so the heaters must withstand the harsh environment created by these abrasive ingredients. All four units are likely to be operational and trouble free for the next 30 years.