

What is Heat Work? Why your company should measure it

- **'Heat work'** is the action and effect of temperature over time on a ceramic product. It is often called **'heat energy'**
- Simply put, **'heat work'** is a defined measurement of how you have **"cooked"** or **"processed"** your product.
- Too much or little time at the correct thermocouple temperature and you may not have fired your product correctly, it will be **over** or **under** fired.
- The same is true if the correct temperature has been reached but with insufficient kiln car transit times - the product has **under fired**.
- Bullers Rings and Discs allow you to **"understand the effect"** that temperature and time has on the product, and what action you can take to **"prevent costly production problems occurring on future firings"**.
- You can use the Bullers Rings and Discs to increase your yields. Early notification of **'under fired'** product allows you to **re-fire** product to the correct quality. This will **save** scrap product further down the process, which in turn **maintains product capacity** and **profitability**.
- Only **"heat work measurement and monitoring"** will allow you to **understand** what has happened to the product itself within the kiln **independently** of temperature and time - **"are you prepared to risk a firing without Bullers Rings or Discs"?**

the world
famous
Bullers Rings...
measuring
"heat work"
within kiln
environments