



## KEEPING YOUR FLOUR MILL RUNNING WITH SINETAMER®

Do any of these issues sound familiar?

- Unexplained power outages
- Premature component failure
- Unexpected power events
- False zero crossings of the sine wave

In flour mills, power disturbances can lead to costly downtime, lost production, and ongoing maintenance issues. With mills under pressure to maintain throughput, consistency and reliability, even brief electrical events can seriously impact performance.

The UK flour milling industry is one of the country's most productive sectors, generating £141,000 in gross economic value per employee. In an industry where efficiency and uptime are critical, power quality issues can have a significant operational and financial impact.

If you're spending valuable time trying to identify the root cause of unexplained outages or equipment faults, power quality may be the problem. Installing the right mitigation device can help address these issues, reducing costly downtime.

## WHAT IS SINETAMER®?

SineTamer® is a transient voltage surge suppression (TVSS) device that protects AC drives, variable frequency drives, and other sensitive electrical systems. Unlike other devices, it uses special frequency attenuation that is frequency-actuated rather than voltage-actuated. Therefore, the device can actively track and follow the sinewave form – protecting all 360 degrees of it, not just the extremes.



# WHY CHOOSE SINETAMER®?

Relying on standard low-cost SPDs is problematic. Once they've blown following a transient, the site will no longer be protected. As well as this, conventional surge arrestors and protectors will only kick in once the voltage hits a certain threshold — by which point, significant let-through voltage has built up. SineTamer® is unique because it can take multiple hits and continue protecting even after an incident has occurred. As well as this, it can minimise let-through voltage, preventing issues later down the line.

As well as installing SineTamer®, we offer our dedicated measure, analyse, report, and solve (M.A.R.S.) service. As part of this, we can capture, review, and analyse any transient data and feed it back to you in a detailed report.



TRANSIENTS



SUPRA-HARMONICS



REACTIVE POWER



NETWORK UNBALANCE



OSCILLATIONS



VOLTAGE VARIATIONS



FLICKER

**CONTACT CPA'S POWER QUALITY TEAM — WE CAN IDENTIFY THE ROOT OF THE PROBLEM AND HELP YOU SOLVE ANY ISSUES AS PART OF OUR MISSION TO M.A.R.S.**

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