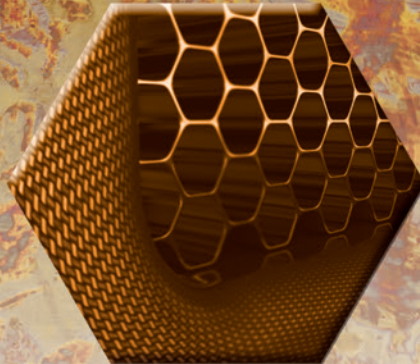
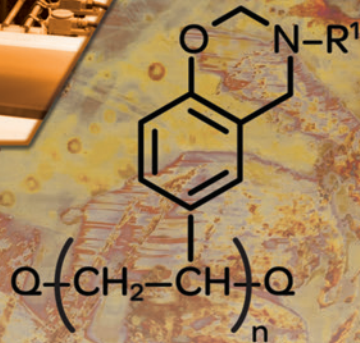
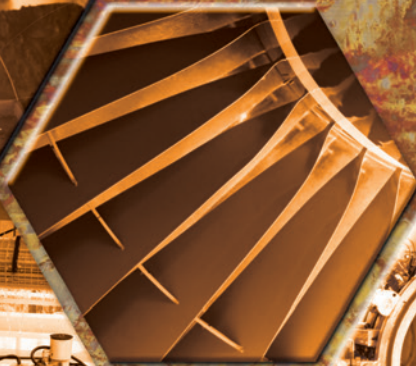
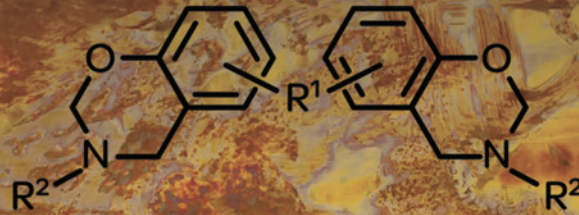


# Materials Processing



Composites  
Plating  
Primary metals processing  
Heat treatment

**Eurotherm**<sup>®</sup>  
by **Schneider** Electric



# Whatever your challenges let us help you get the most from your industrial process

## CQI-9

I fear calibration errors on my older instruments

I struggle to keep pace with increasing regulation

- Secure Audit Trail functionality that exceeds current AMS2750 or CQI-9 requirement
- Data storage redundancy to ensure all records are available
- Easy batch search that saves you time

## AMS2750

Protect your business from the risk of aging controls with different levels of modernisation to best suit your needs. We can:

- Replace an old instrument with reliable, modern technology
- Upgrade at a pace that suits your budget
- Help redesign the entire system for your needs today and into the future

Increasing energy costs are damaging profitability

I need to demonstrate continuous quality improvements

- Use load shedding techniques to avoid peak demand energy tariff penalties
- Lower energy costs through reduced harmonics and improved power factors with efficient management of multi-tap single phase transformers
- Meter energy to cost, benchmark and improve

## Nadcap

- Advanced setpoint profile control
- PID autotune for optimised heating/cooling rates
- Overshoot inhibition (cutback)
- Guaranteed soak
- Specific cooling algorithms
- Automatic alarm strategies and reports

## TUS

I need to maximise my furnace utilisation

- Our expert service teams can help you meet regulations, improve efficiency and maximise plant availability
  - Online services designed for efficient management of calibration events and documentation
- Equipment and services for Temperature Uniformity Surveys (TUS) and System Accuracy Tests (SAT) to nationally accredited standards

## SAT

A full range of solutions from simple, single loop Hi-limit devices to multi-loop PID controllers, data recorders, portable TUS data loggers, HMIs and full enterprise solutions – all designed to help you get the most from your industrial process



## WHY EURO THERM?

Eurotherm help over

**65%**

of **Nadcap** sites in Europe with their accreditation challenges

**50**

years of **experience** with products developed specifically for your industry

Control of a **small furnace** through to **plant wide automation**, using technology that can grow with your plant

**Calibration services**

provided by a strong team of

**94**

**engineers**



*“What I love about heat treating is that it’s all about taking materials and components, sometimes ordinary sometimes extraordinary and making them perform at their best.”*

**Kevin Robinson,**  
Eurotherm UK Heat Treatment BDM

Kevin had over 20 years' experience working in the Heat Treatment industry before he joined Eurotherm in 2006. He now works as a consultant and business development manager dedicated to materials processing.



- Anodising ● Batch and Continuous Carburising ●
- Blast Furnace and Stoves ● Continuous Annealing and Galvanising Lines ●
- Demand Load Management ● Nitriding ● Plating ●
- Single and Multi-Stack Batch Annealing ● Sinter Plant ●
- Soaking Pits ● Solution and Age Steelmaking /Bos Plant ●
- Vacuum Furnaces ● Composite Ovens ● Autoclave Curing ●
- Environmental Monitoring Systems ●

## Materials Processing Reference Table

Product/ APPLICATION	Temperature and Process Controllers	Graphic Recorders	Recorder/ Controllers	Scalable Data Recorder	Precision PLC	Power Controllers	Compact SCR Power Controllers	Wonderware Software
AMS2750E	✓	✓	✓	✓*	✓	N/A	N/A	✓
CQI-9	✓	✓	✓	✓*	✓	N/A	N/A	✓
ATMOSPHERE FURNACES	✓	✓	✓	✓	✓	✓	✓	✓
VACUUM FURNACES	✓	✓	✓*	✓	✓	✓	✓	✓
OVENS	✓	✓	✓	✓	✓	✓	✓	✓
COMPOSITE PROCESSING	✓	✓	✓	✓	✓	✓	✓	✓
PRIMARY PROCESSING	✓	✓	✓	✓	✓	✓	✓	✓
PLATING TANKS	✓	✓	✓	✓	✓	N/A	N/A	✓



\* in some applications

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Scan for local  
contacts

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