

Mining & Quarrying

Keeping people safe and material moving, shift after shift.



Quarries and mines run heavy plant in harsh, dusty and remote sites. Crushers, screens and conveyors must keep material moving while people work close to powerful machinery. Control systems have to stop plant safely, protect costly equipment and show inspectors that risks are well managed.

YOUR PRIORITIES

What matters most

Safe stopping and isolation

Stops and interlocks that work every time.

Throughput and availability

Fewer unplanned stops on crushers and conveyors.

Explosive atmospheres

Equipment matched to your hazardous area zones.

Remote and dispersed sites

Remote monitoring and data you can trust.

STANDARDS

Standards we work to

Quarries Regulations 1999

Health and safety duties for quarry operators in Great Britain, including plant and excavations.

Mines Regulations 2014

Health and safety duties for mine operators in Great Britain, including ventilation and explosion risks.

DSEAR 2002 and IEC 60079 series

Explosive atmosphere risk assessment and zoning, and the protection concepts for equipment in hazardous areas.

BS EN 620

Safety requirements for fixed belt conveyors that carry loose bulk materials.

BS EN ISO 13849-1

Design of the safety-related parts of machine control systems, rated by performance level (PL).

PUWER 1998

Duties to keep work equipment safe and maintained, with effective start, stop and emergency stop controls.

HOW WE DELIVER

Specify

Design

Test

Commission

Hand over

Support

Systems we engineer

- Primary, secondary and tertiary crushing
- Screening, washing and classification
- Conveyor networks and stockpile control
- Ventilation, pumping and dewatering
- Load-out, weighing and dispatch
- Production reporting and remote monitoring

Why Matrix

- **Standards first.**
- **You own the system.**
- **Tested before site.**
- **Multi-vendor.**
- **In it for the long term.**

ISO 9001 certified • Cyber Essentials • CHAS • Constructionline • SafeContractor

Talk to us about your project

enquiries@matrixsystems.co.uk • 0121 240 7454
www.matrixsystems.co.uk