



KEANE TEMPORARY WORKS

THIRD PARTY REVIEW AND CERTIFICATIONS

- Independent certification of design drawings and associated computations.
- Independent certification of as-built temporary works.
- Regulation 126 Certificate of Compliance.
- Routine inspections of temporary works.

MAST CLIMBERS, HOISTS AND CONSTRUCTION PLANT INSTALLATION

- Supporting pits, support grillages and gantries
- Set outs, climbing sequences and bespoke tie design
- Simple and cantilever access platforms
- Concreted placing boom footing and hold down details
- Concrete placing boom jumping sequencing and support
- Lift shaft protection and installation decks
- Plant support frames and access

JUMPFORMS AND FORMWORK

- Jump-form proof engineering and certification
- Formwork and False work design and certification
- Pre-fabricated reinforcement cage lifting and installation
- Design and specification of proprietary formwork systems

FAÇADE RETENTION

- Masonry facade retention systems
- Tie backs and temporary bracing systems
- Emergency temporary works assistance

LIFTING AND STEEL ERECTION

- Commercial and industrial erection sequence of works, SWMS and SIDs
- Lifting lug design, chain specifications
- Internal lifts with confined space
- Temporary propping and stability analysis
- Temporary A-Frames, chain block brackets and steelwork and connection specifications
- Heavy lift arrangements
- Lifting devices, frames and cantilevered lifting beams
- Large cantilevered steelwork erection
- Hold points and temporary certifications
- Temporary loading platforms.

PRECAST ERECTION

- Temporary propping and sequence of install with provision of plans and details
- Lifting strategies, anchor design and temporary supports. Transport delivery & support design
- SWMS assistance and SID provisions

EDGE PROTECTION, PLATFORMS, HOARDING AND SCAFFOLD

- Gantry design, proof engineering and documentation
- Cantilevered and Bespoke access platforms
- Timber and Steel designs, proof engineering and certification
- Handrail and edge protection design
- Typical and cantilevered scaffold certification
- Site hoarding and shed design, proof engineering and certification

RETENTION AND DEEP EXCAVATION SYSTEMS GEOTECHNICAL ENGINEERING

- Temporary shoring and retentions system design, documentation and certification
- Protection works assistance
- Basement walls and bracings systems
- Ring beams designs, specifications and documentation
- Cofferdams

DEMOLITION AND FIRE DAMAGE

- Temporary engineering inspections and reporting of fire damaged structures, to allow value asset enhancements
- Temporary engineering for fire damaged structures to maintain safe integrity
- Demolition sequencing, analysis felling and progressive collapse design
- Needle and propping, break-through areas and lintel installs
- Both new and old build emergency restraint and sign-off for accidental damage