

TEMPORARY WORKS



Arthian



Temporary Works Engineering Services

Every construction project presents unique challenges — and temporary works are essential to tackling them safely and efficiently.

At Arthian, we deliver well-planned, value-led temporary works and construction phase support that reduces risk and enhances safety on site.

Poorly designed solutions can lead to failure, delays, and damage — but with our support, clients gain confidence, clarity, and control.

Design Brief

We collaborate with clients to grasp project challenges early to tailor the design brief and mitigate any disruptions caused by temporary works.

Temporary Works

Tailored solutions for unique challenges



Temporary Works Design

Reliable, cost-effective support for temporary works design, checks, and construction methodology.



Analysis

Designs verified using 3D stress analysis, FEA, and geotechnical data management tools.



Site Liaison & RAMS

We support site safety meetings and review construction phase H&S plans, including RAMS and lift plans.



CRE Role

Expert CRE support to coordinate design and drive engineering delivery on complex projects.



TWC Role

Arthian can provide Temporary Works Coordinators to ensure the safe and effective management of temporary works during construction,

Risk Management

Whether verifying designs or advising on methodology, we help contractors manage risk and deliver better outcomes. With extensive experience in high-hazard environments and complex construction scenarios, we work across sectors to tailor the right solution for your project.

We support clients at every stage, including:

- » Identifying cost-effective alternatives
- » Improving constructability
- » Delivering value engineering
- » Safeguarding third-party assets

Structural Temporary Works

- » Propping and Needling
- » Edge protection
- » Temporary bridges
- » Site hoarding and signage
- » Hoists
- » Mast climbers
- » Lifting points
- » Formwork and Falsework
- » Façade retention
- » Scaffolding
- » Demolition and sequencing

Geotechnical Temporary Works

- » Working platforms
- » Crane outrigger assessment
- » Access roads
- » Service protection
- » Excavation (open cut and sheets/frames)
- » Site Accommodation
- » Tower Crane bases
- » Bridge abutments
- » Stockpiles/Bunds





Related services

Civil Engineering Design including Vehicle Tracking,
Pavement Design and Drainage Design

Buildings & Blast Resistant Structures

Measured Surveys including Topographical Surveys,
Utility Surveys and Measured Building Surveys
(Including Laser Scans)

Revit Models of Existing Structures

Lead Designer Role for Industrial Buildings

Principal Designer Role

Project Management

Ecology

Environmental Permitting

Environmental Clerk of Works

