

COMPANY PROFILE
V-CONSULT LIMITED

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Introduction

We provide civil and structural engineering consultancy services to clients involved in building and construction. Our particular specialisms include high rise construction, tubular steelwork and building projects utilising structural steelwork, reinforced concrete, precast concrete and composite forms of construction. We have experience across most market sectors.

Although we are a small company, we tend to work on large, complex, world class projects. The type of roles we undertake include providing ad hoc structural advice as an independent consultant, preparing conceptual, scheme and detailed designs and managing packages of work outsourced offshore.

Many of the projects we have worked on have been on a collaborative basis, partnering with a lead consultant and providing expertise and resource to cover peaks in workload.

In addition, we develop and host web based applications such as the popular Virtual Engineer portal.

We are an IT focussed organisation making extensive use of computers, electronic communications and the Internet. We use advanced structural analysis and design software.

Recent projects we have worked on in the UK include Thameslink 2000 and the Chapelfield shopping development in Norwich. Overeas, we have been involved in high rise projects in Dubai and the World Trade Centre project in Bahrain.

Engineering Consultancy Services

V-Consult Limited provides Engineering Consultancy services to clients involved in building and construction.

The services we offer to our clients include:

- Site Evaluation and Feasibility Studies
- Concept Design and Scheme Design
- Value Engineering Studies
- Structural Analysis and Detailed Design
- Management of Outsourced Design Packages
- Design Checking and Peer Review
- Independent Consultant
- Specialist Assistance

Our particular expertise is in structural and civil engineering, but we also work with associates, allowing us to provide a broad range of services in other engineering and related disciplines.

Our aim is to secure repeat business from Clients by providing added value services in a responsive, friendly manner.

Market Sectors

Our market sector experience includes:

- Commercial Offices
- Retail
- Residential
- Hotels
- Leisure
- Rail
- Manufacturing and Industry
- Petrochemical and Offshore

Client Types

We offer services to a range of clients including:

- Building Owners
- Developers
- Contractors
- Specialist Contractors
- Product Suppliers
- Consultants
- Insurance Companies
- Loss Adjusters

Skills

The skills we offer to our clients include:

- Conceptual and Schematic Design
- Advanced Computer Modelling of Structures
- Knowledge of Building Materials and Methods
- Design Optimisation
- Construction Detailing
- Drafting of Specifications
- Preparation of Working Sketches and Drawings

Specialisms include:

- High Rise Construction
- Tubular Structures
- Composite Construction

Technology

Load Effects

- Dead and Imposed Loads
- Wind Engineering
- Seismic Effects

Structural Analysis

- Use of Spreadsheets
- 2D and 3D Frame Analysis
- Finite Element Analysis

Structural Steelwork Design

- Multi Storey Buildings
- Tubular Structures
- Composite Construction
- Fatigue Assessment
- Floor Vibrations
- Corrosion Protection of Steel Structures

Reinforced Concrete Design

- Multi Storey Buildings
- Floor Systems
- Formwork Systems
- Foundations and Shear Wall Systems
- Concrete Durability and Mix Design

Foundation Design

- Piled Foundations
- Deep Basements
- Retaining Walls
- Soil-Structure Interaction
- Waterproofing

Masonry Design

- Load Bearing Masonry
- Wall Panels

Further Information

See our website at <http://www.v-consult.co.uk> or ring Martin Halford on ++44 1737 219698