

HCE



Delivering Engineering Excellence

www.hcelimited.com



HCE provide a **high quality service** to our clients throughout, adhering to their **requirements and expectations**



HCE Limited

We are an innovative Consultancy delivering Civil and Structural Engineering Excellence.

HCE Ltd provides engineering solutions to the Construction and Oil and Gas sectors.

We provide a wide ranging design service from residential extensions to substantial reinforced concrete and steel framed commercial buildings to heavy industrial structures.

Our expertise includes design development, design of building structures, below ground drainage, pavement design, foundation design, retaining structures, structural surveys including risk based inspection (RBI) and monitoring, asset integrity, decommissioning and asset retirement.

We use the latest engineering design software combined with decades of hands-on experience to produce innovative and cost effective solutions. We are experienced in providing building designs and developments to the latest codes and standards ensuring Planning and Building Regulation requirements are fully met.

At HCE we always ensure a high level of Quality, Health and Safety by remaining committed to our Core Values.

Providing best in class service to our clients with local competitive rates and a right first time philosophy, ensuring projects are delivered efficiently, on time and within budget.

Our clients are extremely important to us. We build a professional collaborative relationship with those involved at all times. HCE provide a quality service to our clients throughout, adhering to their requirements and expectations, design practices, codes and standards.

Our extensive engineering experience has taken our workforce around the world working for and alongside major companies. With this experience to hand HCE Limited are able to deliver small to large complex projects.

Services

Civil Engineering Structural Engineering Project Management Surveying Offshore Engineering

Sectors

Residential Commercial Retail Education Healthcare

Defence Agricultural Domestic Oil & Gas Decommissioning



Mission Statement

At HCE our mission is to provide our customers with the **highest quality** of service and design ensuring that all of our projects are **delivered safely**, efficiently, **on time** and **within budget**.

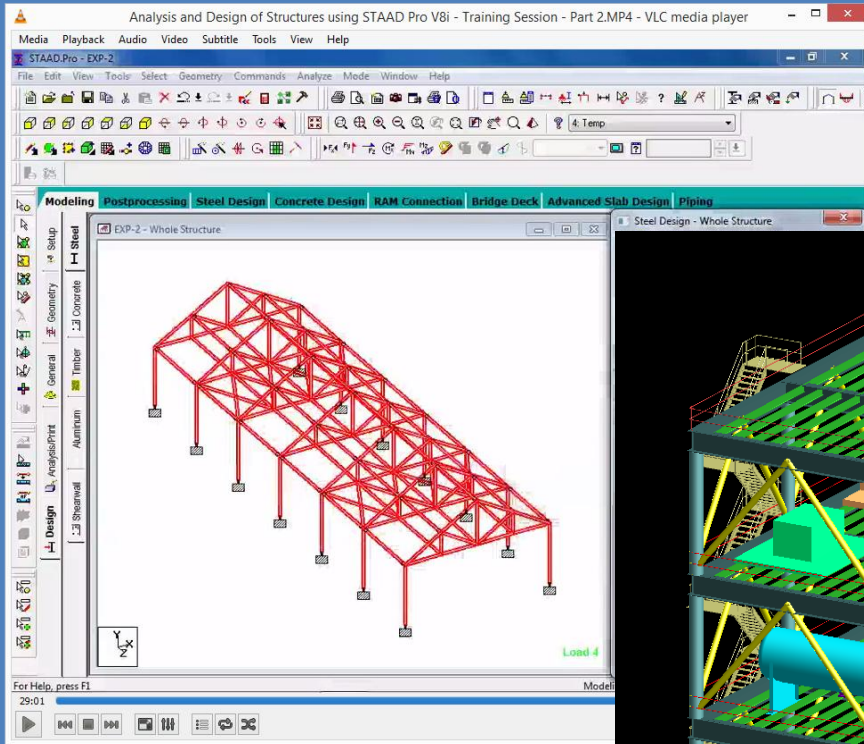


Our Vision

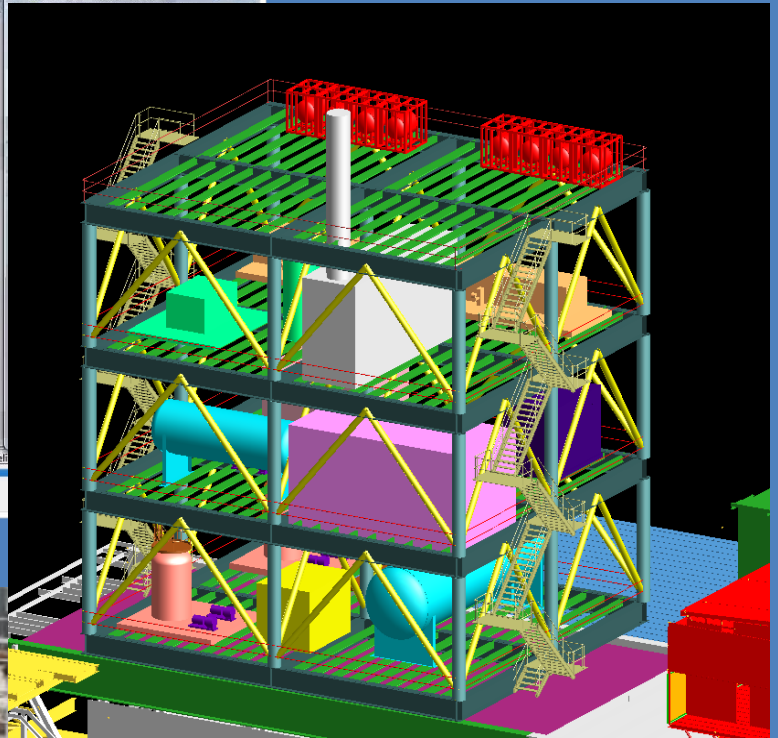
Our vision is to become a leading civil & structural consultancy and partner of choice. Maintaining confidence to all of our clients through our core values; with innovation and continuous quality improvements adhering to our Quality Plan, health and safety and the environment policies. At HCE we achieve this by remaining committed to our core values at all times.

Core Values

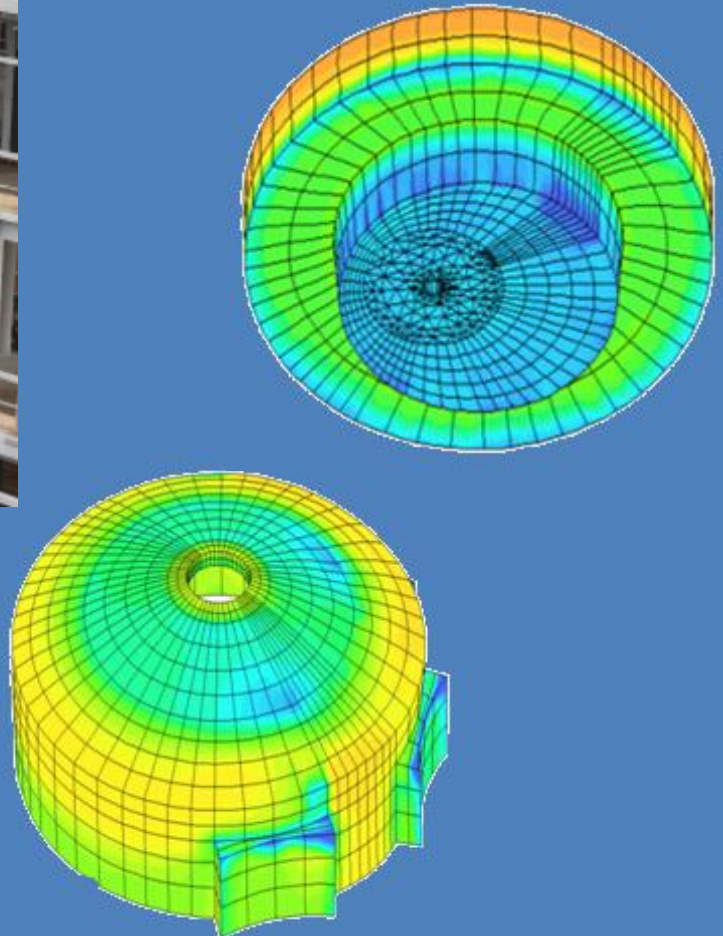




Complex
Innovative



Tailored
Solutions



Services

Civil

Civil engineering projects encompass a range of skills from project concept through to completion; HCE caters for the design, procurement and management of public and private assets such as highways, bridges, sewerage and drainage, airports, docks, effluent and potable water treatment, flood and coastal defence, land remediation and regeneration.

Services:

- Below Ground Drainage Design
- Pavement & Hardstanding design
- Road and foot bridge design – abutment design
- Earthworks design
- Soakaway Site Tests
- Heavy foundation design (machinery)
- Utility design & management
- Water supply and effluent water treatment systems
- Injection grouting and stabilisation
- Site supervision & inspections

Project Management

We provide **construction management** advice and support, health, safety, sustainability, environmental and quality as part of our services. Our **project management** services span all our sectors including government services, power and oil & gas.

Through our wealth of engineering knowledge and skills within our office this enables us to liaise and lead the process with confidence, including the coordination of in-house and fellow consultants, designers and contractors, on behalf of the client.

Services:

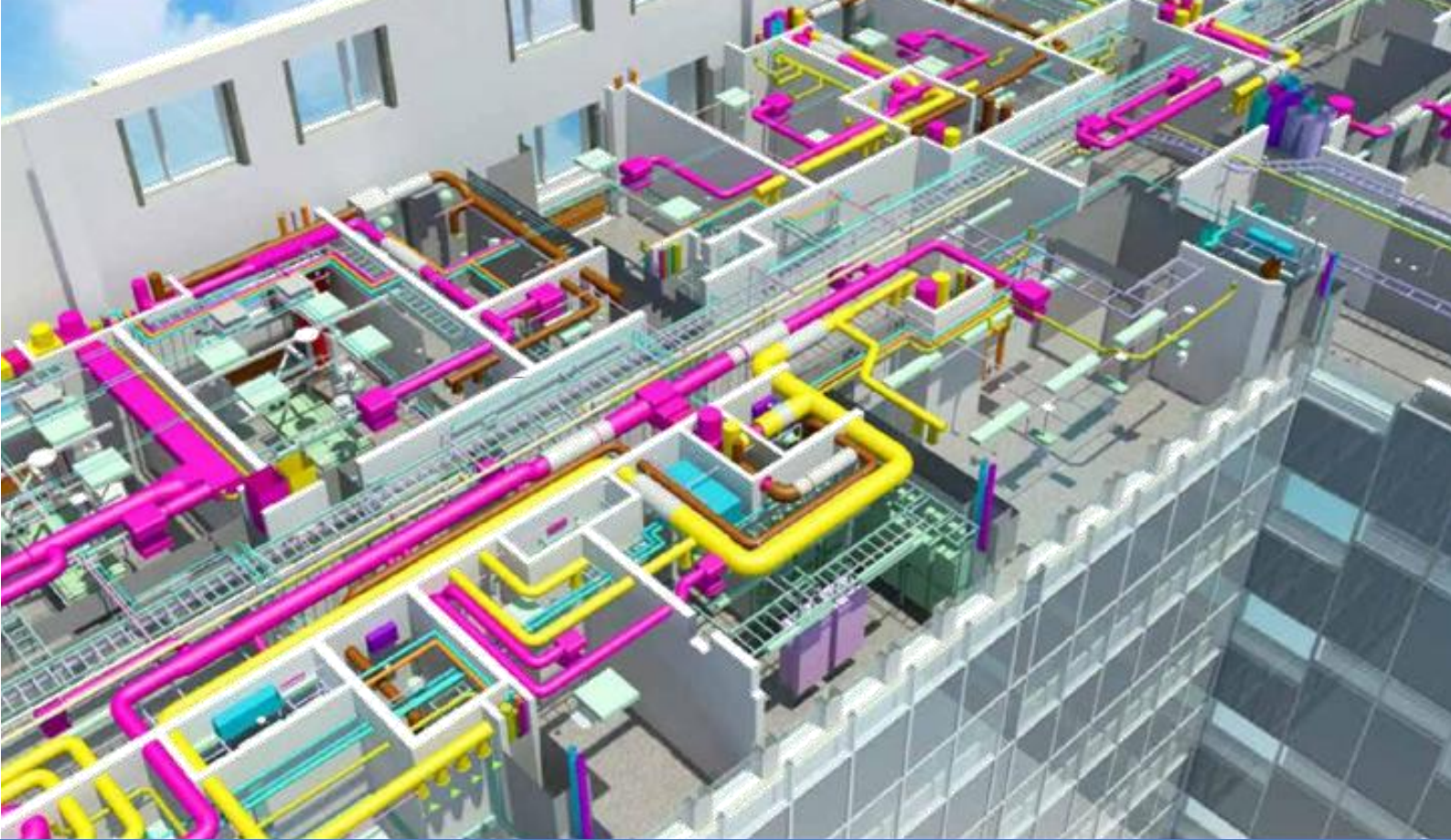
- Project & design management
- Project coordination
- Contract management
- Construction supervision
- Employers' agent provision
- Project recovery
- Tender & procurement management

Structural

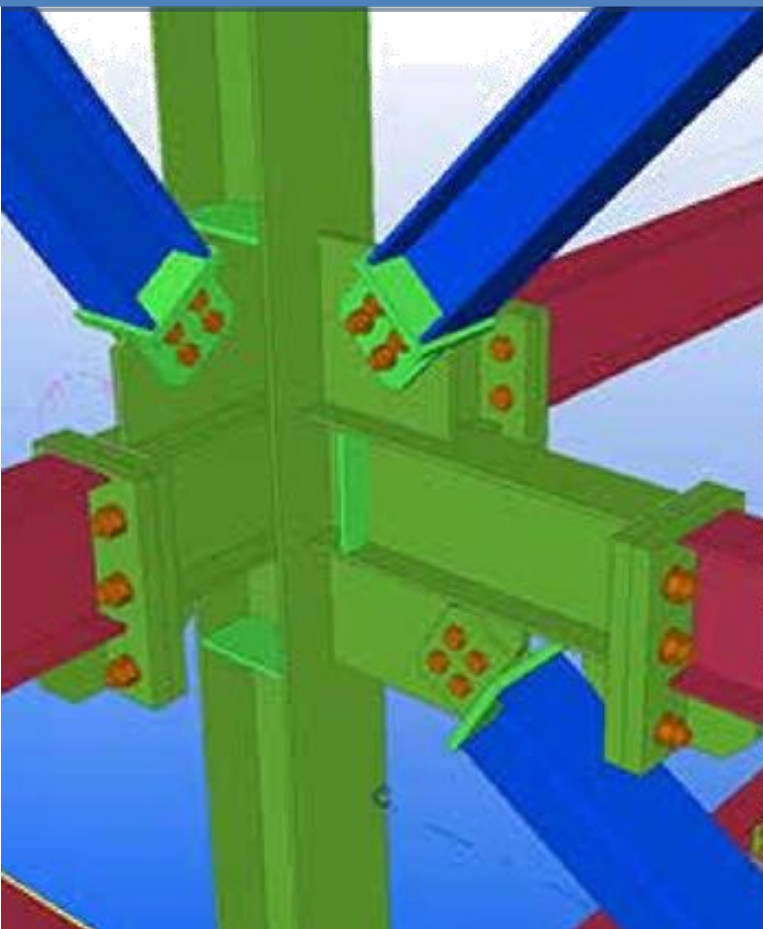
Our **Structural engineering** teams cover a wide range of projects and have the skills to deliver professional input whether it is pre-acquisition due diligence, new build or refurbishment. Our technical expertise have been developed across diverse market sectors including commercial, defence, education, healthcare, retail, residential, industrial and power/energy.

Services:

- Feasibility studies
- Foundation / substructure design
- Concept tender and detailed design
- Superstructure analysis / design
- Retaining wall design
- Building Information Modelling (BIM)
- Temporary works design
- Facade design & retention
- Refurbishment & restoration
- Listed buildings and conservation
- Commercial buildings structural inspections & surveys
- Pre-acquisition/due diligence surveys
- Structural stability & Subsidence
- Crack monitoring and building movement
- Site supervision & inspection
- Safety inspections and emergency response following structural damage for public and private clients
- Investigation and repair of damaged buildings
- Expert Witness



A proven track record of **delivering** the most **complex** engineering **solutions**. Structural schemes designed from initial lay out stage through to completion.



Services

Site Investigation & Surveying

HCE carry out a wide range of **site investigation** and **surveying** services catering for our clients from pre-acquisition to construction.

Services:

- Pre-Acquisition Desktop Surveys
- Mining Surveys
- Geotechnical & Geo-environmental Survey Management
- Soakaway Site Percolation Tests
- Structural Surveys
- Measured Surveys
- Subsidence & Crack Monitoring
- Level Surveys

Domestic Residential

HCE provide a **one-stop-shop** service for our domestic clients. We have a wealth of experience covering all aspects of our domestic clients needs. We can design, manage and supervise the entire process ensuring peace of mind for all our clients.

Services:

- Project & design management
- Extensions
- Loft Conversions
- Alterations (Loadbearing Wall Removal / Beam Design)
- Drainage & Soakaway Testing
- Garages
- Planning Drawings (Outline & Detailed)
- Building Regulation Applications
- Surveys (Structural, Measured, Condition)
- Subsidence & Underpinning
- Remedial Works
- Loss Adjustor/Insurance Damage Claims
- Part Wall Surveyor & Advice
- Property Dispute Expert Advice Service
- New Build Problems (NHBC & Building Regulation Compliance Issues)

Offshore Engineering

HCE has been providing consultancy services to the Oil and Gas industry since its inception in 2005. We have been employed by PSN, ConocoPhillips and Royal Dutch Shell Plc as consultants on a number of projects to provide design expertise for brownfield modifications, new green field developments and decommissioning. HCE staff have also been appointed as Structural Technical Authority for our clients on a number of large complex projects. Our **offshore engineering** team uses the latest analysis and design software to ensure safe, efficient and cost effective design.

Services:

- Feasibility studies
- Concept Design
- Structural Engineering Analysis (StaadPro)
- Equipment Skid Design
- Module Design
- 3D Structural Modelling (PDMS & AutoCad)
- Brownfield Modifications
- Structural Inspections (Trained BOSIET staff)
- Risk Based Inspection (RBI) Planning and Monitoring
- Asset Integrity
- Decommissioning
 - Strategic Advice
 - GBS Drawdown Specialist
 - Topside Separations
 - OSPAR Compliance
 - Removals (Topsides & Substructure)



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