

The logo for CCI, featuring the letters 'CCI' in a bold, green, sans-serif font. The letter 'i' has a small white square above it. The background of the entire page is a photograph of a modern building's interior, showing a large, curved, ribbed structure with a glass and metal grid dome in the center. A large, green, 3D-style arrow graphic points from the left towards the right, partially overlapping the building's structure and the text area.

*A Rimkus Company*

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# Technical Expert Capabilities

## Middle East

INTEGRATED SERVICES. EXPERTLY DELIVERED.

# About CCI, A Rimkus Company

We offer a highly skilled team of technical and construction experts that have extensive experience in all aspects of project management, claims and contract management, and dispute resolution.

On every project, we bring the experience gained from assignments all around the world. We service the dispute and insurance sectors globally with commissions ranging from root cause analysis, major technical failures, design / construction disputes and health and safety related matters.

We have approximately 25 directly employed technical experts and are supported by our parent company, Rimkus, from which we can draw on over 1,000 subject matter experts and another 150 technical experts who cover a wide range of disciplines.

The core sectors we work in include:

- Infrastructure
- Buildings (design and construction, fire and safety issues)
- Industrial mechanical and electrical
- Power and energy (renewables, nuclear, offshore and onshore oil and gas)

Our technical team are highly experienced in providing expert advisory services across a wide variety of construction and engineering projects and bring years of experience in providing expert testimony to assist courts, local and international arbitration tribunals, adjudication proceedings, mediation assistance and informal negotiations, with an analytical, impartial, evidence-based approach.

## Technical Leadership



**Rob Coupe** BEng (Hons), CEng, MICE  
Technical Managing Director

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Rob is a civil engineer with over 35 years' experience of design and build multi-disciplined infrastructure projects. These include major projects in marine, water / wastewater, energy (including nuclear and renewables), tunnelling and complex geotechnical schemes, highways, rail and tram systems and industrial. Rob has been involved in the resolution of multi-disciplined disputes at a senior director level, procurement policy and risk mitigation, tender strategy, asset management and program delivery using multiple partners. He works closely with his delay and quantum global colleagues providing leadership and management in complex cases.



**Middle East Technical Lead**  
**Guillermo Lopez** EUR ING, CEng, MIMechE  
Mechanical Engineer and Project Manager

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Guillermo is a Chartered Mechanical Engineer with over 15 years of experience in EPC projects, process plants and mechanical and piping equipment. He has operated extensively throughout the MENA Region with a base in UAE. His areas of expertise include rotating equipment and process equipment. Guillermo performs damage assessments and failure analysis in accordance with international standards and has a particular interest in developing solutions to mitigate economic losses. He investigates losses involving mechanical equipment in construction and commercial property and has experience in developing cost estimates to assist claims on a range of complex facilities in oil & gas, petrochemical installations, conventional power and renewables.



**Dr. John Ford** BSc, MBA, EngD, DMS, PgCert, CEng, CSci, CEnv, FIMMM, MIET, MCMI  
Electrical Engineer and Project Manager

✉ john.ford@cci-int.com

John is a chartered engineer, chartered scientist, chartered environmentalist and leads CCI's mechanical and electrical engineering technical team. He has extensive practitioner, regulatory as well as Expert Witness experience in many commercial and industrial settings involving all aspects of electrical engineering and workplace accident investigation. He also has extensive expertise in other areas and is repeatedly instructed on insurance losses and construction disputes valued in excess of £100 million both in the UK, mainland Europe, the Middle East, Africa as well as Central and South America and on complex health and safety prosecutions. His instructions often are at the direct request of insurers and barristers. As an Expert Witness, John has been instructed a single joint expert and given testimony in concurrent (hot tubbing) evidence.



**Hugh Corrigan** BEng, MScEng, CEng, ChPP, FCI Arb, FICE, FCIWEM, MAPM  
Complex Engineering and Project Manager

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Hugh has over 30 years' experience in civil, structural, and multidisciplinary engineering of complex major and national strategic infrastructure and building projects, including design-build, PFI and BOT projects. He has extensive experience in the design and engineering management and delivery of infrastructure related to strategic land development, major mixed-use development, and urban regeneration projects as well as transportation and major industrial development.

## Meet the Team



**Simon Hay** FCIArb, RIBA, MIMS, AMAE  
Architect and Historical Buildings Expert

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Simon is an experienced chartered architect and expert witness with over 40 years of private practice and industry experience, with considerable experience in façade and fire compliance issues. He has been appointed on a variety of disputes, producing CPR 35 reports focused on the performance of architects, contractors, and the professional team. Simon has designed and supervised major buildings, both public and commercial commissions. He has assisted several of the Stirling Prize's listed nominees by providing detailed advice, including the 2016 winner Damien Hirst's Newport Street Gallery, the shortlisted 2015 Whitworth Gallery and the people's choice for the 2021 Stirling prize, the Cambridge Mosque.



**Bhavina Vasishta** M.Arch, MSc, ARB, RIBA  
Architect

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Bhavina is an ARB registered Chartered Architect with more than 10 years' experience in the construction industry as a designer and project architect. Bhavina provides dispute resolution assistance, advice and expertise in the fields of architecture and construction, including construction defects, professional negligence, design copyright issues, BIM modelling and contract disputes. She undertakes technical advisory reports in construction insurance related matters and provides construction advice and contract troubleshooting. Bhavina has experience within a broad range of sectors, including residential and commercial, elderly living and urban master planning.



**Roger de Boehmler** BSc, FRICS, FIWFM  
Building Surveyor and Facilities Manager

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Roger has over 40 years' experience as a chartered building surveyor and strategic facilities management consultant. He is a building fabric surveyor and expert witness for built assets within most private and public sectors, including housing. He has extensive international experience including five years working in Hong Kong where he has managed large multi-skilled inspection teams with engineers and other specialists. He is an industry expert on building information systems, data management and performance reporting. He has provided development monitoring on very large construction projects on behalf of funding bodies. Roger has extensive experience of defect pathology, estate maintenance and due diligence reporting.



**Daniel Sim** MEng, CEng, CMarEng, FRINA, FIMarEST  
Maritime and Renewables Expert

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Daniel is a professional maritime expert with over 20 years' experience working internationally across the maritime industry. Daniel has previously held roles as an offshore construction consultant, policy manager for the UK Maritime & Coastguard Agency and served in the Royal Navy. Latterly focusing on the offshore sector, he has most recently worked as a technical expert witness and risk engineer for the energy insurance market. Thriving in a dynamic working environment, he enjoys tackling complex scenarios with a team of skilled professionals to achieve pragmatic, feasible and innovative solutions.



**Dr Ralph Brade** EUR ING, BEng, PhD, CEng, FIStructE, FICE  
Structural and Foundation Engineering and Design Management

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Ralph has 45 years' professional experience in structural, foundation and multidisciplinary engineering design and design management of major building and transportation projects, including design-build and PFI. His forensic engineering and expert witness work have been concurrent with his project directorial design and building design management work since the mid-1980s. Ralph provides dispute resolution advice, and expertise, including the preparation of CPR-compliant reports on technical engineering, design, and construction issues for submission in court proceedings and for exchange in adjudication and arbitration hearings. He has given evidence in court and arbitrations, including internationally.



**Dave Herrod** BSc (Hons), CEng, MICE, MAPM  
Ports, Dredging and Maritime Project Manager

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David holds over 35 years' experience in the marine and ports sector. Having worked for contractors and designers and, for the last 15 years, operators, David has extensive knowledge of different design and construction techniques combined with the integration of construction works with port operations and dredging activities. His experience extends to associated works including pavement design, crange, and maintenance for both container and general cargo ports.



**Nick Barham** MEng (Hons), CEng, MICE, MIStructE  
Civil and Structural Engineer

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Nick has over 20 years experience working as a civil and structural design engineer on complex multi-disciplinary projects including residential, commercial, refurbishment and redevelopment of historic buildings, highways, energy, and other infrastructure projects. In recent years, he has provided technical and contractual advice to lawyers, engineers, contractors, clients and insurers, acting as expert witness in adjudications, arbitrations and court proceedings. His concise reporting style and strong articulation skills have resulted in significant repeat business, and he is increasingly leading multi-discipline cases with several supporting technical experts.



**Mike King** BSc (Hons), CEng, MICE  
Tunnelling Expert

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Mike has over 40 years' experience in the construction industry. He started his career working for contractors on tunnelling projects that included shaft sinking and tunnel construction using Tunnel Boring Machines (TBMs), drill and blast and hand mining techniques. He then moved into consultancy to work on major projects such as the Channel Tunnel, the Jubilee Line Extension and Crossrail.



**Mark A. Rhodes** BCE, MSc, P.E., R.R.C., LEED AP  
Civil, Geotechnical and Construction Engineer

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Mark is a civil engineer with 35 years of experience with all types of construction, geotechnical engineering as well as design of large-scale infrastructure. His expertise ranges from vertical construction (both low and high rise), building envelopes as well as heavy civil, roadway and rail transit projects. He has extensive experience consulting on construction materials ranging from soil, aggregates, asphalt, concrete, polymer adhesives, coatings, metals and roofing. He currently holds P.E. licenses in 24 states and is a Registered Roofing Consultant. He has been instrumental in the evaluation of numerous large construction claims involving contract disputes, faulty workmanship/design, designer/builder standards of care and cost evaluations. He spent almost a decade as a Resident Engineer for one of the world's largest infrastructure consulting firms where he had the overall responsibility for total project construction management for transit infrastructure projects.



**Rod Rennison** MA (Cantab), CEng, MICE, PE, CSP, CPSI, CXL, AFO  
Civil and Structural Engineer

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Rod has over 30 years' experience in civil and structural engineering, telecommunications, renewable energy and commercial real estate, with proficiency in forensic investigations, structural design, facilities management, contract negotiation, business start-up and management, performance and quality management, and health and safety management. He has worked for medium and large engineering and forensic consulting firms and founded his own highly successful civil and structural engineering and telecommunications consulting firm. Rod has negotiated and secured contracts with some of the world's most prestigious companies and conducted research into construction industry best practices in the United States and United Kingdom at one of the world's premier research facilities. Rod is a leading expert in the renewables sector working globally.



**Sam Sharpless** P.E., NAFI-CFEI  
Vice President, MEP Practice

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Sam is a registered professional engineer in 23 states and is a Certified Fire and Explosion Investigator. His professional career includes extensive practical experience in electrical engineering, including control system design, circuit design, electronic troubleshooting, and technical management. He is highly experienced in the evaluation of electrical fire causes, including structural, automotive, marine, and industrial fire cases. Sam's experience also includes major control system design responsibility in the chemical, paper, and film industries. He has extensive experience commissioning large-scale factory automation systems. His case experience includes lithium battery failures, electronic cigarette injuries, electrical service equipment failures, electrocutions, electrical shocks/injuries, building code issues, industrial accidents and injuries, structural fires, corrugated stainless steel tubing (CSST) fires, automotive and marine fires and small appliance defect claims, amongst others.



**Dr. Robert Scates** PhD  
Process Engineer

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Robert is a graduate of the University of Houston, with a doctorate in chemical engineering. He has over 20 years' experience in industrial and consulting assignments in the chemical, petrochemical, refining and nuclear industries. His background includes plant engineering and design, economics, construction, and operations, accident analysis and prevention, research and development, environmental evaluations, and environmental and industrial safety regulations. He has performed research, modelled, and reported on the fate-and-transport of chemicals in the environment including measuring and estimating emissions from chemical plants, predicting their fate-and-transport in the environment via air, surface water and groundwater pathways, and estimating their impacts on the surrounding community.



**Richard Gehse** BSc, MSc, PEng  
Engineering Management

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Richard has extensive and diverse industry experience in the material handling systems, wastewater and water treatment, electric utility, metals, chemical, onshore and offshore oil and gas, and petrochemical / refining sectors. His experience and industry knowledge cover over 40 years in areas of design, engineering, procurement, construction, engineering and project management, asset integrity assessments, scheduling, cost estimating, quality and control procedures, OSHA safe work practices, and contract management. Richard has vast experience in a variety of professional and forensic engagements including working extensively in energy, metals and mining, pulp and paper, wastewater treatment, fire protection systems, root cause investigations, software and software development amongst others.



**Zyad Jabal** BSc, PEng  
Mechanical Engineer

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Zyad is a registered professional engineer in Florida with over 17 years' experience in power plants, heavy industrial engineering, operations, maintenance, root cause failure analysis, project management, and implementing quality control and quality assurance procedures. His areas of expertise include root cause and failure mechanism analysis, engineering design and equipment selection, construction, project management, operations, maintenance, feasibility studies, economic analysis, and safety programs. Specific areas of experience include the utility power industry and the design and modification of mechanical as well as plant systems such as pumps, heat exchangers, diesel generators, steam and gas turbines, high energy piping, piping supports, boilers and heat recovery steam generator. Zyad has prepared expert reports and assisted in meditations.



**James F. Lane** BSc, MSc, PEng  
Materials Engineer

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James is a registered professional engineer in 21 states, with over 30 years experience in materials engineering investigations and failure analysis. He also has experience evaluating polymeric and ceramic components and coatings. He focuses on metallurgy, materials of construction, property / structure relationships, and corrosion of both ferrous and non-ferrous materials. James has expertise in the determination of root cause and dispute resolution, with extensive experience designing and conducting field and laboratory testing. His background extends to the fields of materials characterisation, fractography, metallography, and mechanical testing.



**Nicolas Cunningham** PhD, PEng  
Materials Engineer

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Nicolas is a registered professional engineer with extensive experience in materials engineering, corrosion, materials testing, and research and development. He has spent over 15 years in the fields of chemical and materials engineering working in markets spanning from education and research to industrial and military. Specifically, his experience extends to diversified industries such as oil and gas, petrochemical, mining, pulp and paper, water and wastewater, and power and energy. Nicolas has worked extensively on the development of innovative materials and processes, materials selection, field failure analysis, emergency repairs, and redesign of existing large industrial equipment. He is highly knowledgeable of most electrochemical tests and thermo-mechanical tests and has evaluated the reliability of materials and products using accelerated life tests.



**Joanne Williams** BA (Hons), Dip.Arch, MSc, ARB, RIBA, MCI Arb  
Architect and Project Manager

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Joanne is an ARB registered chartered architect and leads CCI's architecture team. She has more than 30 years' experience in the construction industry as a designer, technical lead and project delivery manager. Joanne acts as an expert witness writing CPR 35 and advisory reports in the fields of forensic architecture and construction, including defects, professional negligence and contract disputes. She has a special interest in fire safety, including issues relating to compartmentation, timber construction and modular construction as well as cladding. She also writes accommodation reports for persons who have incurred personal injury.



**Nicholas Rigby** BSc (Hons), CUBS, CEng, FEI, EUR Ing, ACI Arb  
Senior Consultant

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Nic has 40 years' experience in the wider Energy industry of which the last 30 years have been almost exclusively focused in the renewables and/or grid sectors. His initial introduction to Energy was working as a management consultant advising clients on commercial optimisation of their energy portfolios. Nic continues to focus on strategy development associated with behavioural and technical matters when seeking resolution of disputes. Nic has managed international teams of contract managers delivering optimum project outcomes through effective claims management and early dispute resolution.

## Contact Us

For advice on your insurance claim or for support in resolving a dispute on a construction, engineering or energy project, contact us on the email address below or visit our website.

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