RIMKUS



Si Chun Chan (David)

Senior Consultant, Delay

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Background

David has over 25 years of experience in delay analysis, project planning, programming, and management; his project experience includes railways, road works, airport works, theme parks, water works, and other civil engineering projects for both private and public sectors.

David has extensive experience in critical path project planning. He has assisted delay experts in the preparation of expert witness reports, including the review and analysis of as-planned and as-built programmes, evaluation of project progress and project records. He also advises contractors and employers on planning and programming, technical submissions, and progress monitoring throughout the pre-construction and construction phases of complex construction projects.

Education and Certifications

- **Civil and Structural Engineering, B.Eng:** The University of Hong Kong (1998)
- **Construction Law and Dispute Resolution, M.Sc:** The Hong Kong Polytechnic University (2010)
- **Chartered Engineer,** Engineering Council (UK)

Professional Memberships

- **Member:** The Chartered Institute of Arbitrators (MCIArb)
- **Member:** The Institution of Civil Engineers (MICE)

Geographies

- **Hong Kong**
- **Singapore**
- **Malaysia**
- **Middle East**

Sectors

- **Buildings**
- **Energy**
- **Infrastructure**

- **Industrial and Manufacturing**
- **Oil and Gas**
- **Water and Utilities**

Expert Witness Experience

Buildings

Office and Hotel Development, Malaysia

Assisted the delay expert in preparing the delay expert report in arbitration for a dispute in termination of contract. Analysed the planned and actual façade installation progress and prepared the graphical presentation of the structural and façade installation progress charts for delay analysis.

Condominium Housing Development, Singapore

Assistant to the appointed delay expert in preparing the programme analysis and expert report. Recreated the master programme in Primavera P6, consolidated contemporary as-built progress data, and prepared programmes for window analysis. Carried out earned value analysis to analyse the actual progress against the planned progress in terms of monetary value.

Office and Serviced Apartment Development, Malaysia

As assistant to the appointed delay expert in preparing the delay expert report, analysed the relevant delay events and prepared the impacted programmes and as-built programme for delay analysis.

Petroleum Studies and Research Centre, Saudi Arabia

As assistant to the appointed delay expert in preparing the expert report for arbitration, reviewed and consolidated project records, compared the planned and actual productivities, and reviewed and analysed the expert report prepared by the claimant's expert for its strengths and weaknesses.

Venetian Cotai Project, Macau

Prepared delay analysis report for delay and disruption claims for the basement and podium superstructure packages. Provided professional advice on the baseline corrections, events identification, event fragnets, and delay synopses preparation.

Energy

720MW Combined Cycle Power Plant Project, Trinidad

As assistant to the appointed delay expert in preparing the planning and programming expert report for the dispute under a Dispute Adjudication Board, reviewed and consolidated project record and produced graphical presentation to demonstrate that the claimant's delay analysis could not truly reflect what had actually happened to the project. Critically reviewed and analysed the delay analysis report prepared by the opponent's expert.

Infrastructure

Container Terminal Extension Works in Aqaba, Jordan

As assistant to the appointed delay expert in preparing the delay expert report, reviewed the delay expert reports and witness statements and prepared summaries on the programming and delay-related issues for the arbitration. Also assisted the delay expert in the preparation of joint statement and reply to the changes of delay analysis in the claimant's closing submission.

Electrified Double Track Project, Malaysia
Prepared delay and disruption claims reports for the loss and expenses claims. Provided advice on claim strategy, method of programme analysis, and presentation of evidence. Reviewed the project records and programmes for disruption claim submissions.

Elevated Road Works Project, Hong Kong
As assistant to the appointed delay expert in preparing the position papers for mediation, carried out baseline programme corrections, programmes reconciliation, as-built data compilation, and events synopsis preparation. Carried out Time Impact Analysis, prepared the delay schedule, and prepared the actual bridge segment production and installation programmes for forensic computer animation for demonstrating the causes of delay.

Industrial and Manufacturing

Aromatic Plant project, Saudi Arabia
As assistant to the appointed delay expert in preparing the expert report for the arbitration, reviewed and consolidated project records, resource allocation, progress reports, and interim payment applications, and compared planned and actual productivities and actual progress. Critically reviewed and analysed the delay analysis report prepared by the opponent's expert.

Oil and Gas

Inter Refineries Pipelines II, United Arab Emirates
Reviewed the planned and actual production rates, resources allocation, progress reports, and interim payment applications, and produced graphical presentations for establishing the causes of delay and disruption. Provided advice on the claim strategy, presentation of evidence, and the causes of delay and disruption.

Expert Advisory Experience

Buildings

Conservation and Revitalization Project, Hong Kong
Independent delay analysis for interim extension of time claims for the Works Contractor. Undertook research into the various delay events and analysed the as-built data associated with the delay. Provided advice on time and cost-related issues and prepared details for the notice of claims to the employer's team.

Infrastructure

Third Runway Projects, Hong Kong
Advised on the claims management strategy for the construction contracts and prepared independent delay analysis reports for the Authority. Undertook research into the various delay events provided by the contractor; analysed the contractor's as-built data, investigated the evidence relied upon by the contractor, and provided advice to enable the Project Manager to make a reasonable determination.

Extension of Time Claims for a Highways Project, Hong Kong
Delay analysis for the major sections of the works, prepared programme analysis for establishing cause and effect of the delaying events to the completion of the project, substantiating the delaying events with contemporaneous project records and the EOT entitlement under the contract.

Highway Reconstruction and Improvement Project, Hong Kong
Delay analysis for the road widening works. Undertook research into the various delay events, investigated the as-built data associated with the delay, and analysed the actual delay to the progress and completion of the Works for demonstrating the entitlement of extension of time. Reviewed the master construction programme for its compliance with the contract requirements and good practice requirements in the context of a baseline programme for progress monitoring and delay analysis.

Project Experience

Infrastructure

Mass Transit Railway Corporation, Hong Kong
As part of the Project Management Office (PMO), assessed the delay and disruption claims of the major construction contracts of the Shatin to Central Link (SCL) project. Prepared the Project Integrated Management System (PIMS) for Programme Management Procedure, which set out the key principles and requirements on programme management over the entire project lifecycle. Provided contractual advice and technical support to the project teams on programme management and delay analysis for the new railway extension projects that have adopted NEC4 contracts.

East Rail Lok Ma Chau Station, Hong Kong
Valued over HK$1 billion contract, prepared master programme updates, analysed as-built records and prepared impacted programmes for Extension of Time claim submissions. Reviewed and analysed schedule updates, and identified critical delay events and actual resource usage for substantiating the extent of delay and disruption.

West Rail Nam Cheong Station, Hong Kong
Valued HK$2 billion, prepared method statements for various construction works and managed statutory submissions and the closing out of non-conformance reports raised by the client's team. Managed and monitored the stray current detection system installation and liaised with the client and subcontractors for facilities handover.

Infrastructure Works at Kam Tin for West Rail Project, Hong Kong
Valued over HK$1 billion contract, prepared the revised master programme and liaised and coordinated with Government departments on facilities handover. Managed and supervised the alternative foundation design for noise barriers, statutory submissions for reinforced earth walls, and noise barrier strengthening works.

West Rail Extension, Hong Kong
As part of the tendering team, prepared the tender programmes, traffic diversion schemes, method statements for the major construction works, and temporary traffic deck arrangements. Prepared detailed site management scheme and managed the take-off of the quantity of excavation materials, backfill, and stockpile quantities.

Ocean Park Vet Hospital, Hong Kong
Appointed as Planning and Construction Manager, prepared the master construction programme, method statements, site management, and logistic plan. Liaised with the Authorised Person, Registered Site Engineer, and Registered Geotechnical Engineer for statutory submissions and consents. Identified delay events, investigated the as-built records, and prepared the impacted programme for Extension of Time claims.

Urban Landfill Restoration, Hong Kong
Managed and supervised the construction of landfill gas extraction system, leachate collection system, leachate storage tank foundation and leachate storage tank installation. Supervised the biochemical leachate treatment works for the discharge compliance.

Expansion of Lok Mau Chau Boundary Crossing, Hong Kong
Supervised the steel canopy and kiosks fabrication in Mainland China and managed the installation of cladding systems for the structural steel canopy.

HAECO Hangar No. 2, Hong Kong
Responsible for detailed project planning and preparing method statements for mega-column and hangar pavement construction. Prepared site management plan and temporary works design for the project.

Cargo Apron Extension Works, Hong Kong
Prepared the master programme, produced detailed site logistic plans for work fronts and material delivery, prepared method statements, and monitored the site progress for contract compliance. Coordinated the interfaces and logistic arrangements with various departments of the Authority for works within the restricted apron area.

Water and Utilities

Trunk Mains Laying in Developed District, Hong Kong
Responsible for project planning and prepared method statements for deep trench excavation and trunk main laying. Managed and supervised construction works and coordinated with various government departments and contractors.

Sewage Treatment Plant Improvement Works, Hong Kong
Prepared tender programmes, method statements, preliminary design for excavation and lateral support, site management plan, work-fronts planning, temporary works design, and various technical matters for tender submission.

Professional Experience

- **Rimkus** **2025 – Present**
  - Senior Consultant
- **MTR Corporation** **2021 – 2024**
  - Senior Programming Manager
- **Accuracy (HK)** **2019 – 2021**
  - Senior Manager
- **HKA Global** **2017 – 2019**
  - Associate Director
- **Navigant** **2012 – 2017**
  - Managing Consultant
- **Hill International** **2011 – 2012**
  - Senior Consultant

- **MTR Corporation** **2009 – 2011**
  - Programming Engineer I
- **Hill International** **2007 – 2009**
  - Consultant
- **Kaden Construction** **2007 – 2007**
  - Planning Manager
- **Gammon Construction** **2006 – 2007**
  - Planning Engineer
- **Kier HK** **1998 – 2006**
  - Engineer