



LESSONS FROM RAIL INFRASTRUCTURE PROJECTS – A FORENSIC PERSPECTIVE

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HKA - Who we are ?

The world's leading consultancy of choice – Multi disciplinary expert and specialist services

Typical disputes where we get involved could be civil or criminal and include:

FACD

QED+

FTS

What we do...



We provide expert opinion

How do we do it ?

Use of ...



Instructions



Scope / Change



Design

What the !



What areas do we specialise in ?



Metro – light rail



Passenger
Rail



HS Rail



P-Way (Track)

Cont'd...



Rail infrastructure



Electrical services LV



Rolling Stock

Largely Client – Consultant/Contractor.....

These can be complex often involving: -

Joint Ventures

Multi-discipline contractors and sub-contractors

Specialist suppliers

Other?

Fatal rail accident



Causation



Neighbouring influences



When things go wrong !



Running rail failure



P-Way S&C issues



Infrastructure 'issues'



Live panel working – nice photo !

SF₆ circuit breaker failure



As manufactured



After careful use !

Power cable failures



Power failure HS Rail

SF6 interrupter



HV discharge activity



Workmanship issues



Oops !



Please feel free to download our latest Crux insight



Any Questions

