

SUMMARY

Min is a design engineer with over 16 years of professional experience originating in railway research at a major Australian University and then progressing to industry-based consulting in the areas of heavy industry, oil and gas, and mining. Min has been both a valuable member and leader of many engineering project teams, both in a major projects environment delivering some of Australia's biggest greenfield mining developments, as well as on smaller design briefs often with uniquely engineered solutions.

Min has a strong grasp of codified design and extensive experience in designing with and adapting international codes to both Australian and international applications. He is passionate about technical excellence and committed to helping MMH deliver quality and effective engineered solutions for our clients.

POSITION

Operations Manager
Senior Engineer

QUALIFICATIONS

Bachelor of Engineering
(Honours -1st Class)

Bachelor of Commerce

Doctor of Philosophy –
(Monash Univ.)

CPEng - Chartered
Professional Engineer -
Institute of Engineers
Australia

RPEQ - Registered
Professional Engineer
Queensland

C.S.E. & W@H Certifications

SUMMARY OF EXPERTISE

Structural Engineering

Detailed Design

Advanced Analysis

Structural Detailing

Auditing and Review

Fatigue Assessment

Inspection and Monitoring

KEY EXPERIENCE

Min is a highly skilled Structural Engineer with experience in design and analysis of industrial steel and concrete structures within the resources sector. He is proficient with codified design and verification of structures for aspects of strength, stability and fatigue as well as other structural considerations. He is skilled at utilising global frame analysis as well as finite element analysis methods for structural design.

Min is also experienced with fixed plant and mobile bulk handling machine structural inspections, structural auditing, instrumentation and monitoring, vibration evaluation and impact analysis, field repair design and temporary works engineering.

EMPLOYMENT HISTORY

2015 – Current	MMH Engineering Operations Manager - Senior Engineer
2011 – 2014	Calibre-Minerva (Formerly Minerva Engineers) Senior Structural Engineer
2010	SEMF Structural Engineer
2008 – 2009	Sandvik Mining and Construction Project Engineer
2006 – 2007	AMOG Consulting Project Engineer
2005	Monash University, Department of Mechanical Engineering Research Engineer

CONTACT DETAILS