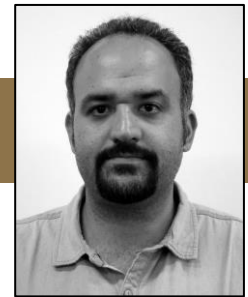




IMAN FERDOWSI

Senior Mining Engineer



MBA – Queensland University of Technology
MEng (Mining) – Islamic Azad University, Tehran
BEng (Mining) – International University of Imam Khomeini • MAusIMM
Iranian Society of Mining Engineers • Qualified by Engineers Australia

Iman is a professional mining engineer with experience in Australia and overseas working across various disciplines and projects. He has strong technical knowledge through hands-on experience in preparing medium to long-term mine plans, pit and dump design, prefeasibility and feasibility studies, pit optimisation, reserves estimation, haulage modelling, and truck fleet estimation with a track record in achieving substantial, quantifiable results. Iman also has exceptional stakeholder management skills coupled with the ability to drive long-term operational values and business objectives.

Expertise

- **Strategic Planning:** Assessment of life of mine strategies to maximise resource recovery and optimise fleet performance in Minemax
- **Long Term Planning:** Producing life of mine plans for various sites in QLD and NSW
- **Mid Term Planning:** Producing of budget and 5-year plans to align with business longer strategic plans. Reporting on physicals and equipment performance for financial modelling
- **Design:** Detailed pit and dump design including haulage access design
- **Landform and haulage modelling:** Haulage modelling and optimisation to minimise truck hours and achieve landform objectives Truck fleet selection in Deswik
- **Environment:** Mine closure studies estimating bulk push requirements in Mines/Deswik
- **Dragline Design:** Planning and design of dragline strips using 3d-Dig
- **Software Proficiency:** Proficient with Deswik CAD (Design and reserves), Deswik Landform and Haulage, Deswik truck calibration, XPAC, Minemax, Microsoft Office Suite
- **Mentoring:** Coaching and mentoring of junior Engineers.

Career Highlights

- **Xenith Consulting:** Created short to medium term designs and reserves using Deswik CAD mine planning package. Developed projects specific process maps in Deswik to structure reserving process for users
- **Hunter Valley Operations:** Developed Deswik landform and haulage model for the Mid-term planning horizon to better align with LOM and strategic plans outlined by the business. Successful implementation of these processes led to a current secondment at MTW mine to setup similar processes
- **Rio Tinto Coal Australia:** Successful delivery of various projects and opportunity assessments in both QLD and NSW regions and have established LOM Landform and haulage plans for all NSW and QLD sites in order to better estimate truck productivities and fleet sizes across RTCA operations.

Professional Experience

Senior Mining Engineer	2018 – Current	Xenith Consulting Pty Ltd
Senior Scheduling Engineer	2016 – 2018	Hunter Valley Operations, NSW
Senior Mining Engineer	2011 – 2015	Rio Tinto Coal Australia – Strategic Planning Team
Senior Mining Engineer	2009 – 2011	GHD Services Pty Ltd
Dragline Engineer	2008 – 2009	BMA – Norwich Park
Mining Engineer	2006 – 2008	SMG Consultants