



**ISITHELO**  
MINING PRODUCTS AND SERVICES



## Abridged Curriculum Vitae

**Name:** Jonathan Davies

**Division:** Bulk Materials Handling

**Position:** Reliability Specialist : Materials Handlings

**Qualifications:** B-TECH Mechanical Engineering

**Courses :** A3 Course: Safety Risk Management Course (2009)

### Overview of Project Experience and work to date.

R50 000 – R5 000 000 Consulting projects covering the complete bulk materials product space. 3D Laser Surveying, Belt Condition Monitoring, Review of Conveyor Dynamic Analysis, Conveyor Steel Work Fabrication, Design Reviews, Discrete Element Modelling of Flow, Contract drafting, Dust Management, Equipment Monitoring, Instrumentation , Stress Analysis, Finite Element Analysis, Flow Properties Testing, Mechanical Conveyor Design ,Project Management and Engineering, Quality Assurance, System Audits

### Work Experience

**2011 - 2015** Technical Solutions Anglo American Corporate

Position: Specialist : Materials Handling Engineer ( See above )

**2010 - 2011** Nepean Conveyors Johannesburg

Position: Project Engineer

Description: Design, detail and manufacturing of underground conveyor equipment for the coal mining industry.

**2008 - 2010** Nepean Conveyors Australia NSW

Position: Detail Draftsman , Design Engineer

Description: Design, detail and manufacturing of underground conveyor equipment for the coal mining industry.

**2006 - 2008** Melco Mining Supplies

Position : In-Service Training , Production Planner

Description: Production Planning, In-service training and shop floor experience.

### Software

Sidewinder; Rocky DEM; Ansys; AutoCAD; AutoCAD Inventor; Autodesk Vault; Bentley Microstation; MS Projects; Photoshop

### Contact Details

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