

The Company
TEG Consulting Engineers
provides engineering
services to:

- Private Sector
- Mining
- Commercial /Industrial Sectors
- State and Local Government Entities

Our Clients

Include:

- Individuals & Private Developers
- Major Construction Companies
- Major Corporations
- Government & Private Sector Asset owners
- Mining Corporations
- Quarries

Services Offered

TEG Consulting Engineers:

- Civil & Structural Engineering.
- Electrical & Mechanical Engineering
- Architectural Design
- Project Management (From Initiation to Turn Key)
- Asset Management Planning
- NDRRA – management and planning, including audit preparation.
- Inspections / Audits
- Design Reports
- Damage/ Condition Reports
- Insurance Assessment Reports
- Stakeholder Liasion's

Contact Details

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TEG CONSULTING ENGINEERS PROJECT SUMMARY SHEET



2014 – Bowen Coke Hot Car

Project Scope

TEG Consulting Engineers was engaged to assist in the redesign of the Bowen Coke Hot Car.

The existing Hot Car was at end of life and dilapidated, and also posed a number of safety risks due to the old design.

The role required the following:

- Assist Glencore in redesign of the Hot Car to meet current specifications.
- Look at innovation of the Hot Car to improve operation and safety aspects including mechanics & control room.

Our Involvement

TEG Consulting Engineers undertook design checks on all framing and equipment, provided advise on any issues. Made recommendations to adopt MgO EPS board panels for the insulation of the control room and provided certification of all construction drawings:

- In addition provided assistance in addressing all RFI from fabricator.
- Provided on going advise to glencore as required during the fabrication process.

Project was completed successfully and the new hot car commissioned into operation..

Project Outcomes

The new Hot Car continues to operate efficiently to this day.



Figure 1: Old Hot Car

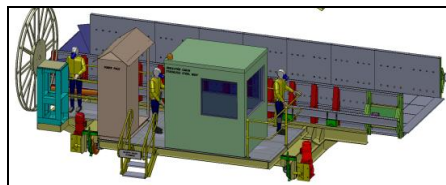


Figure 2: New Design of Hot Car



Figure 3: New Hot Car in operation

Key Personal

Client: Glencore

Consulting Engineer: Sean Edwards

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