

ADVANCED RAIL SOLUTIONS FOR OVER 75 YEARS.



We are more than rail engineers.



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Introduction

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Our extensive specialised rail services deliver leading-edge solutions. With a global and African footprint, we, at R&H, have a demonstrable track record and are known for bringing rail projects to life.

As a leader in the market, we take pride in providing technologically advanced engineering solutions to the rail industry and our clients.

With our rich and resilient heritage, our unwavering commitment to client satisfaction and our core values which we practise with passion, pride and integrity, we, at R&H, will deliver leading-edge, comprehensive rail solutions to fulfil and exceed the requirements of your project and business.

WHO WE ARE

We were established as Robertson and Hitchins Consulting Engineers in 1950, and we have evolved into modern day R&H Rail. We are a leading and significant railway engineering role player in designing, maintaining and training in the parastatal, mining and industrial sectors.

R&H Rail is a part of DAR, now Sidara, and its portfolio of companies which include TYLin, Penspen and Perkins & Will who form part of the group's extensive global reach. Sidara is a globally revered and respected, highly rated in consulting in the buildings, airports, bridges and transportation categories.

We are committed to the development of the rail sector and its critical function in Africa's development as an industrial and global player. In that, we continuously invest in the maintenance and transformation of all rail disciplines on an equality basis.

R&H is a Level 2 Broad-Based Black Economic Empowerment (B-BBEE) company, and at the helm of our company is an innovative and dynamic team who are passionate about the delivering sustainable leading-edge integrated railway solutions to all industry players and contribute to the development of rail in Africa.

Our head office is based in Johannesburg, and support offices in Witbank, Durban, Richards Bay and Kuruman. Through our offices we lead rail activities across South Africa, through our continental projects we have a footprint across Africa, and through our partnership with Sidara we have a global reach.

WHAT WE DO

As leading African rail consultancy, we at R&H deliver comprehensive integrated rail solutions which include operational and commercial aspects.

R&H Rail consists of three divisions, each incorporating a unique service provision within the rail industry.



R&H Rail Consulting

Rail Framework Planning and Infrastructure Design:

Civil Engineering, Permanent Way and Structures

R&H provides civil engineering services as part of the infrastructure design dictated by the rail logistic solution

Railway Electrical Engineering

R&H is involved in a wide range of OHTE, traction substations, yard area lighting and power supply projects, covering new design and construction, refurbishment of systems as well as investigations and management of the maintenance of installed railway electrical systems

Signalling and Telecommunications

R&H offers a specialised signalling and telecommunications service to the railway sector which includes feasibility and design using best-fit signalling technologies and world best practices and incorporating cutting edge solutions in the field of telecommunication 'backhaul' infrastructure among others

Operations and Logistics

Analysis of current or projected freight and traffic volume characteristics

Mechanical Engineering

Specifying and procuring suitable locomotives and wagons (rolling stock) and designing of maintenance facilities, location, equipment and staffing for locomotives and wagons



R&H Rail Asset Management (Maintenance)

The maintenance management division of R&H currently manages 715 kilometres of private rail sidings carrying collectively more than 60 million gross tonnes per annum. The involvement varies from quarterly routine rail safety inspections to fulltime management of rail infrastructure maintenance. The services offered include condition assessments and review, determining maintenance strategies, the procurement and management of resources required to maintain

the rail infrastructure and liaising, on behalf of the client, with Transnet, PRASA and the RSR. In order to deliver a value adding, professional service to the siding owner, R&H offers a structured approach for the management of the maintenance of the rail siding

- Inspection / Condition Assessment
- Acquisition of Resources / Procurement
- Contract Management



R&H Rail Training

A skilled workforce of tomorrow is the product of today's training. This is why RGH invests in the future by identifying talent, and ensuring its success with world-class training. In this regard we offer the following:

- Training of train operating staff (drivers, assistants and shunters)
- Training of rolling stock maintenance staff
- Training of track maintenance staff (track masters, trackmen, flagmen, patrolmen, etc.)
- Rail Operator's Safety Responsibility Training

Rail Safety Management:

- Informing the RSR of new line construction and alterations, and applying for construction permits, testing and commissioning permits, and safety permits
- Performing safety management system audits
- Performing risk assessments
- Compilation and submission of the RS's quarterly and annual reports

R&H Rail is fully accredited by the Transport Education Training Authority (TETA), endorsed by the South African Qualifications Authority (SAQA). We also actively participate as a TETA Rail Chamber member.

OUR PROJECTS & CLIENTS

R&H Rail's projects, footprint and reach are found across the globe, but specifically in Sub-Saharan Africa. We have proudly executed key rail projects across rail consulting, asset management and training, trusted by global corporations, state-owned entities and national companies. These are some of our projects and clients:

R&H Rail in Mining



+ Exxaro:

Belfast Coal Mine Rail Study

Iron Ore Export Project



+ Anglo:

Rail Siding Study

Investigation and Report on Return System



+ BHP Billiton:

Operations Assessment

Hotazel Exchange Yard Area Lighting

R&H Rail in State Projects



+ Turkish National State Railways (TCDD):

Maintenance Audit and Review

Recommendation of Improvement Practices



+ PRASA:

Conceptual Design of Improved Train Services

Replacement of High Speed Circuit Breakers



+ Transnet:

Exchange Time-Motion Study

Supply Chain Study



R&H RAIL IN SUB-SAHARAN AFRICA

Benin:

Mainline Upgrade Study for Containers

Uganda:

Crude Oil Export Study

Democratic Republic of Congo:

Refurbishment and Upgrade Studies for Copper and Manganese Mines

Ghana:

Export Studies for Western Mainline

Namibia:

New Private Siding and Road Infrastructure Study

Togo:

Rail Condition Assessment and Refurbishment Feasibility Study

Mozambique:

New Driver and Driver Refresher Training by Simulator

Botswana:

Assessment of Perway Personnel Training Needs

Zambia:

Wagon Condition and Workshop Maintenance Assessments

South Africa:

Long Term Planning Framework GIS Development



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