

TECHNICAL SERVICE OFFERING



Traxtion Sheltam has invested extensive capital into the Rosslyn Rail Services Hub in the North of Pretoria, South Africa to offer a comprehensive list of services to customers across the African continent. We have also partnered with reputable firms in the rail industry to make the parts offered by these firms available to our customers at competitive prices.

Through our experienced technical staff (Workshop and Field Services), long standing relationships with third-party repairers and suppliers and the support of our commercial team, **we are able to offer the following services to customers:**



LOCOMOTIVE TECHNICAL AUDITS, CONDITION INSPECTIONS AND FAULT DIAGNOSTICS

Our Rosslyn based Field Services team is well equipped to assist in identifying and diagnosing faults on both GE and EMD Locomotives. This will determine the nature and extent of required technical intervention. Remedial work can either be undertaken by the customer's technical team, or by the Traxtion Sheltam Field Services team, in which case a quote for the supply of necessary parts and labour for repairs will be provided if the customer chooses the latter.

A mobile Load Box can be transported to customer sites to test locomotives for power delivery and efficiency.



LOCOMOTIVE AND MAJOR COMPONENT RECONDITIONING AND REFURBISHMENT

Our Rosslyn Rail Services hub allows for the refurbishment of up to 9 locomotives at any time. **The 50 000 sqm facility has 11 000 sqm under roof and is equipped with state-of-the-art equipment.**

We offer a 'one-stop-shop' solution. Major component reconditioning and refurbishment is either handled by the Technical team in fully equipped repair bays in the workshop, or in the event of heavy repairs, sent to third party approved rail service providers.



6-MONTHLY SERVICES, MAJOR ANNUAL SERVICES AND COMPLETE 6-YEARLY SERVICES

Over 30 years of experience in keeping Locomotives running in Africa has taught us the importance of preventative maintenance as it ensures high levels of asset availability at all times. Our experienced team of qualified artisans take great care when performing inspections and services in line with OEM suggested intervals and maintenance instructions. It is preferable for heavy maintenance interventions, including 6-yearly services, to be performed at the Rail Services Hub where suitable equipment for the lifting and thorough inspection of Locomotives are available. Any component reconditioning work required is handled on a strip and quote basis.



LOCOMOTIVE AND WAGON MAINTENANCE AT CUSTOMER SITES

Where locomotive and wagon fleet sizes justify it, a dedicated team of diesel electric fitters is placed at a customer site to carry out daily, monthly, three-monthly, six-monthly and annual locomotive inspections, as well as wagon maintenance. Parts and consumables are procured and delivered to maintenance sites for use during scheduled maintenance activities. Support can be offered at customer sites across Africa. **We currently maintain more than 100 diesel electric and electric locomotives and 650 wagons across Southern Africa.**



LOCOMOTIVE PART AND COMPONENT SALES

Strong supplier relationships and a refusal to deliver anything but high quality, cost effective parts are synonymous with Traxtion Sheltam. We only sell parts that we would use in our own fleet.



LOCOMOTIVE AND WAGON WHEEL MEASUREMENT AND CONDITION REPORTING AT CUSTOMER SITES

Sophisticated wheel measuring technology enables Traxtion Sheltam Wheel machinists to measure and inspect locomotive and wagon wheels at customer sites, **providing condition reports and repair recommendations**, as well as the cost of wheel repairs required.

This service can either be offered as a standalone, 6-monthly audit, or as a complimentary service to customers where on-site maintenance is performed.



WHEEL REPAIRS AND RECONDITIONING FOR BOTH LOCOMOTIVES AND WAGONS

The Traxtion Sheltam Wheel Shop carries out the following wheel work for both locomotives and wagons:

- Remove bearings from axles
- Clean and inspect wheels/axles
- Ultrasonic testing of wheels to formulate a Condition report
- Profiling of wheels
- Retyre wheels
- Polishing and painting of axles
- Recondition/Fit new bearings and re-install and
- Prepare for packaging and shipping (cross-border customers).



For more information or to request quotes on any of the above services, please contact us for assistance:

TECHNICAL SALES

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PART SALES AND COMPONENT RECONDITIONING QUOTATIONS

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