

	LETHABO POWER STATION QUALITY SCOPE OF WORK		
		Doc Type: FORM	Page 1 of 1

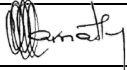

SUBJECT	Quality Control and Assurance services Scope of Work
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Item No		Detailed Scope of Work
		<p>Co-ordinate and control quality activities</p> <p>safety officer Quality Supervisor Quality Inspector (Welding Boiler) X2 Quality Inspector (Turbine & Main Generator) X2 mechanical Quality Inspector (Valves) X1 Quality Inspector (Draught Group , Ducting) X1 Quality Inspector (C&I) X1 Quality</p> <p>Review and approve quality control plans considering high priority defects/interventions, production, performance criteria, equipment specifications, plant availability, unplanned maintenance, skills, contractors' availability, and spares availability. (List is not limited to these only).</p> <p>Initiate "stop work" orders and advice if quality /safety & environmental standards are compromised.</p> <p>Review and record quality deficiencies/ concessions identified.</p> <p>Manage/Monitor quality deficiencies/ concessions by reviewing and controlling corrective and containment actions.</p> <p>Ensuring adherence to interventions for quality control verifications.</p> <p>Manage QC processes by reviewing all documentation, reviewing system information, and validating information to maintain accurate data.</p> <p>Perform / check / control job observations.</p> <p>Perform physical inspections on maintenance, projects and outage activities.</p> <p>Perform inspections and determine if standards/ specifications or requirements are met.</p> <p>Recommend possible improvement to maintenance standards or practices.</p> <p>Assess, monitor and report good and sub-standard/ deviations from work practices.</p>

	<p>Inspector (DHP & SSC) X1</p> <p>Quality Inspector (Electrical) X1</p> <p>Quality Inspector (Mills/Burners) XSO3</p>	<p>Verify document conformance to requirements, specifications, and standards by reviewing work packages, maintenance plans, procedures, and modification packages according to the relevant administrative controls,</p> <p>Identify and report non-conformances.</p> <p>Inspections are no limited to on-site only but include offsite workshop/fabricator's premises.</p> <p>C. Reports and quality plans</p> <p>Quality Plans</p> <p>Review, approve and assist with development of Quality Control Plans as per scope of work (QCPs),</p> <p>Update Quality Control Plans registered/ tracking tool (update to be live)</p> <p>Review of data packs/books after completion of project/outage and maintenance routine work</p> <p>Administer Quality Control plans through the execution phase (update quality control plan to be live).</p> <p>QC contractor internal method statement to be developed.</p> <p>Reports.</p> <p>Weekly and Monthly quality control and assurance reports for running plant (maintenance and project work). (Summarise major events and the necessary corrective and preventative actions)</p> <p>Outage/ Routine - maintenance quality weekly progress/feedback report (execution phase - every outage) to showcase QC intervention progress and record major events with the necessary corrective and preventative actions (for outage and project SOW)</p> <p>Develop monthly maintenance/outage/project continues improvement report to be discussed during review meetings.</p> <p>Develop pre- work planning report to showcase QC documentation have been reviewed, adjusted/improved, and controlled. (for running maintenance, outage and project SOW)</p> <p>Develop post- work performance report to measure success of work and adequacy of quality control measures. This should include things like lessons learned/gap analysis and focus areas. (for running maintenance, outage and project SOW)</p> <p>Off-site inspections report to be submitted after completion of the SOW.</p>
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		<p>D. Analyses of data</p> <p>Analyse product, services and performance of service providers and departments executing SOW.</p> <p>Analyse non-conformity records, trends and improvements relating to types of non-conformities, areas of non-conformities, product non-compliance, supplier deviations, customer complaints, etc.</p> <p>Effectiveness analysis of maintenance/outage actions</p> <p>Root cause analysis to avoid repeat and future equipment failures by</p> <p>Proposing improvement on current procedures/ work instructions where gaps are identified.</p> <p>Recommending awareness training if required</p> <p>Verification that new or refurbished equipment is free of defects which may shorten life.</p> <p>Ensuring that repair and re-installation is performed to acceptance standards</p> <p>Identifying any factors that may adversely affect equipment service life and proposing/implementation mitigating actions/interventions.</p> <p>E. Quality continuous improvement</p> <p>Determine failure rate of defects in various plant areas</p> <p>Identify opportunities for in the process workflow to be improved.</p> <p>Plan how activities/process can be improved.</p> <p>Drive the execution/implementation of relevant changes.</p> <p>Review customer's quality control plans, procedures and specifications and suggest improvement opportunities or optimization aspects.</p> <p>Conduct effectiveness review on how implemented changes are addressing the gaps or opportunity.</p> <p>Lessons learned to be captured in the reports generated above.</p> <p>The scope of work for this contract is not limited to the above details only but may include similar interventions on similar aspects as business needs require for example attending operational/maintenance meetings.</p>
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Compiled by	M Mamatlepa		Sign.		Designation	Officer Quality Control	Date	2025/05/22
Reviewed and approved by	D Tshishonga		Sign.		Designation	Quality Manager	Date	2025/05/23