



Title

Systems Framework for the Decommissioning/Disposal process of the Electrical
Components for the Transnet Trans-Africa Locomotive

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ABSTRACT

This research focused on compiling a Systems Framework that can be used for the Decommissioning/Disposal process of electrical components used on the Transnet Trans-Africa Locomotive.

A first draft of the authors framework, based on MODAF framework from Caruso [1] and Cloete-Hopkins [2], was compiled by doing a thorough literature study. A systems approach was followed by studying systems engineering, electrical systems found on diesel locomotives, regulations, standard and legislation and industry used frameworks.

The first draft of the framework was then evaluated by gathering data from archival research, case study, survey and open questions. The final framework consisted 31 viewpoints that can be used to guide the decommissioning/disposal process for the Transnet Trans-Africa Locomotive.