

TRANSFORMER SUB-COMPONENTS QUALIFICATION – Khayakazi Dioka

Procurement of transformer subcomponents follows a well-established process for transformers due to the importance of these subcomponents. This process starts from the compilation of specification by the end.

The user compiles each sub-component specification, taking into account the following aspects ;

- Fit for purpose and reliability to the expected life.
- Spares and interchangeability requirements
- Maintenance philosophy

The manufacturer ensures that the sub-components are as per user requirements (specification). These are usually dealt with during design reviews (electrical and mechanical). For some sub-components, special tests can be conducted for qualification purposes. These can be dealt with by the user and the sub-component supplier. The transformer manufacturer should assess and qualify the sub-supplier facilities.