

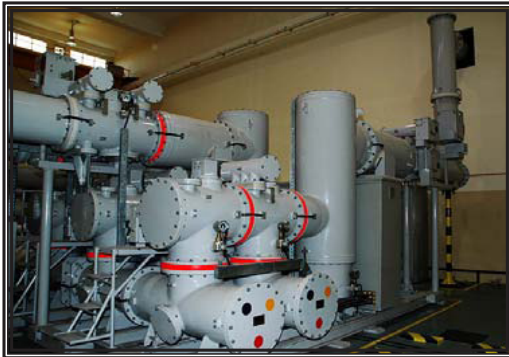


R&D Fund Project

Development of A Product Certification Scheme for TNB Transmission Division



Handing over of the first Transmission Certificate of Product Acceptance to Tenaga Switchgear Sdn Bhd



132kV Gas Insulated Switchgear (GIS) – one of the Transmission primary equipment undergoing Product Certification

Project Overview

In June 2005, TNB Transmission Division issued a request to Quality Assurance (QA) Unit, TNB Research to implement a Product Certification Scheme similar to that which has been successfully operated for TNB Distribution since 2000. This one-year project was approved in March 2006 with a budget of RM 990,495 and was completed on 25th May 2007, one month ahead of schedule.

A list of Transmission equipment to be certified under the project was agreed between the Quality Assurance Unit, TNB Research and the Engineering Department of TNB Transmission. Also, a selected number of TNB Transmission technical specifications were reviewed and updated to ensure that the specifications are clear, specific and suitable for use in auditing and evaluating the equipment to be used in the TNB Transmission System.

Deliverables

- Certification of equipment that have been selected by TNB Transmission
- Reviewed and updated TNB Transmission technical specifications
- TNB Transmission Product Certification procedures and forms

Benefits

- Simplifying and reducing the time taken for TNB Transmission tendering process for equipment already certified under the Product Certification Scheme.
- Cost reduction to TNB Transmission as the number of outages due to Transmission-level equipment mal-operation could potentially be reduced since only equipment that have been certified are installed in the TNB system.