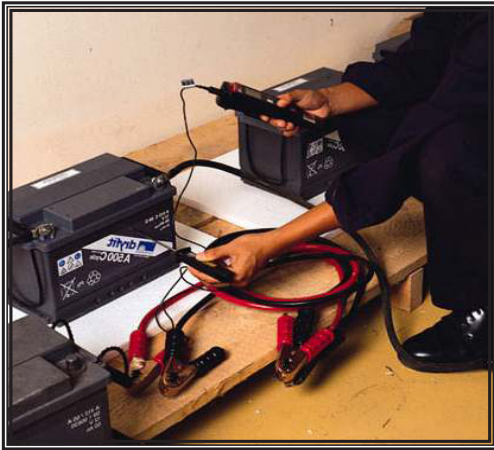




## R&D Fund Project

### Research And Test On The Stationary, Standby Batteries At TNB Substation/Power Station And The Development Of A Comprehensive And Effective Maintenance Strategy For The Batteries



Battery Testing



Battery Banks

#### Project Overview

This project focuses on research and testing of stationary, standby batteries At TNB substation / power station. It also looks into the development of a comprehensive and effective maintenance strategy for the batteries.

#### Deliverables

- Produced three standard procedures for stationary batteries (vented lead-acid battery, valve regulated lead-acid battery, and nickel cadmium battery). These account for 99% of stationary batteries used in TNB.
- Formulated maintenance strategies including Procedure for Tests, Test Schedules, Battery Replacement Criteria, Record Keeping, Recycling and Disposal.

#### Benefits

- This study has addressed the issue of battery maintenance which has often been neglected due to its standby status.