

R&D Fund Project

A Study to Enhance the Value of design and Implementation of A Quality Management System (QMS) Developed for TNB Vendors

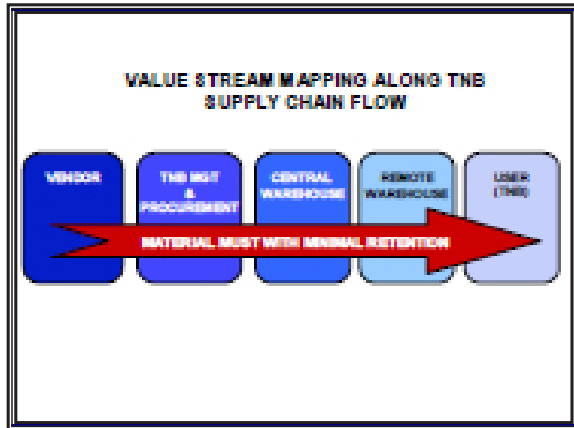
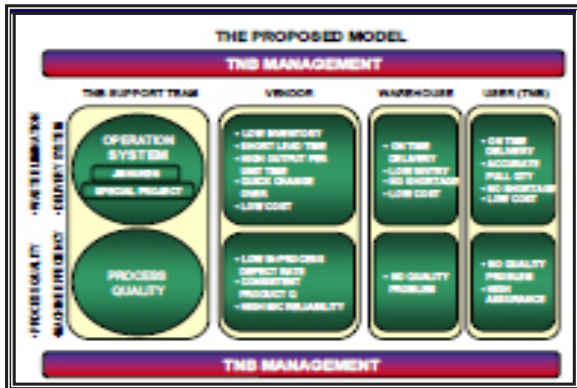


Diagram that shows the Value Stream Mapping along TNB Supply Chain Flow

Project Overview

TNBR implemented a Quality Management Project at two TNB vendors with an aim to improve the process and practices of these vendors using methodologies derived from world class companies. The project consists of evaluating current practices amongst vendors, evaluating world class practices, selection of a suitable model and implementation at two vendor sites selected.

The implementation model consists of five keys, interrelated components of 5S, Autonomous Maintenance, Statistical Process Control and Value Stream Mapping. Improvements were demonstrated by systematically undergoing through these programmes.



The proposed Vendor Development Model

Deliverables

Phase 1 :Data on Vendors manufacturing practices
Phase 2 :Benchmarking Analysis & The QMS Model
Phase 3 :Output of the Pilot Project and Vendor Ranking System and Project Final Report Centralized Online Plant Information System - system hardware and software interfacing, web based access module integration

Benefits

- Establishment of workable methodology for improving TNB vendor's efficiency and productivity.
- Build up a systematic process towards product improvement
- TNB to reap benefit by having less product failures and better product delivery in the long run.