

ABSTRACT

This consultant internship report emphasizes the key issues in PTW Company Limited in order to reduce raw material cost inventory, reduce work-in-process and improve product quality. The company manufactures occasional table (coffee table) and exports to the United State of America under the wholesalers' brand.

The analysis focused on one model of occasional table in the Bangkok factory. The bill of material was exhibited in order to analyze the excess raw materials inventory, the inventory cost and the extra raw material cost. In addition, machine breakdown time for one month was examined to calculate this cost to the company.

This consultant internship achieved its objectives by presenting and explaining critical issues, concepts and theories in order to recommend how the company solves its problems.

After analyzing the root causes of high inventory, the recommended solution requires the company to reduce its inventory cost firstly by addressing current problems with purchasing and storing then by implementing just-in-time (JIT) and material resource planning (MRP) systems. Once complete, PTW could expect to be much more competitive internationally.