

## **Comparative study on the implementation of lean manufacturing tools in manufacturing company**

### **ABSTRACT**

This study aims to recognize the general perspective of industrial company operating in Sabah, focusing on the implementation selected tools of lean manufacturing. The objective of this research was to do comparative study on implementation of lean manufacturing and its tools among manufacturing company located in Sabah. The problem faced and the affecting factor in implementing lean manufacturing tool as well as the benefits experienced after the adoption of lean manufacturing tools were being identified. The scope covers manufacturing company of any types of industry that is actively operating in Sabah. Instrument of study is a survey questionnaire that contains open and closed ended questions, sent out to target respondents. This study finds significant evident of the implementation of lean manufacturing and its tools among manufacturing companies in Sabah, as well as the problem faced in implementation, factors of implementation and benefits experienced after the adoption of lean manufacturing tools based on the data analysis done using descriptive statistics to explain the trends in dataset and Cronbach's Alpha to test the internal reliability of the instrument.