

CHAPTER VI

CONCLUSION AND RECOMENDATION

1.1 Conclusion

After conducting the research, can be concluded that:

1. Risk factors that can probably occur in Sogan batik production department are there is similar batik motive in the market, delay in supplier delivery of raw material, lack of raw material inventory, defect on the product, delays in production process, worker accidents, delay in product delivery, defect material from supplier, low durability of machines and raw material damage in inventory. The risk factor will then be assigned a value based on the criteria. The criteria of risk are severity, occurrence, and detection.
2. Based on calculations from TOPSIS method that has been conducted, the order of risk priority of risk factors in Sogan Batik production department are:
 1. Delay in supplier delivery of raw material
 2. Lack of raw material in inventory
 3. Defect on the product
 4. Worker accidents
 5. Delay in product delivery
 6. Similar batik motive in the market
 7. Delay in production process

8. Raw material damage in inventory
9. Low durability of machines
10. Defect material from supplier

1.2 Recommendation

The recommendation that given from this study are:

1. This research was conducted at production department at Sogan Batik. In the next study can be added risk factor from other departments in order to get more detailed results.
2. This research was conducted at batik manufacturer company. For further research can be conducted on other companies that have different fields.
3. This research uses FMEA method combined with TOPSIS as the decision maker in order to determine the risk priority. For further research, researcher can used the other MCDM to determine the risk priority.