

C316123 : MAJOR INDUSTRIAL ENGINEERING

KEY WORD: COMPARATIVE / RURAL-MINI / URBAN / FISHING-NET

Surapol Marsook : A COMPARATIVE STUDY ON APPROPRIATENESS OF A RURAL - MINI FACTORY AND AN URBAN FACTORY FOR FISHING-NET INDUSTRY. THESIS ADVISOR : ASSO. PROF. MAHITTAFCNGKUL, 180 PP. ISBN 974-582-364-3

This thesis is a comparative study of find appropriabeness in terms of products , cost , quality and management of an urban and a rural fishing net factory. The analysis includes the optimal location and the determination of more new suitable locations.

From the data of an urban fishing net factory compared with those of a rural fishing net factory show that the urban factory has more advantages in term of products, quality and cost. But the rural fishing net factory has more advantages in term of management. From the comparison of the data, the difference is insignificant for the executive to make decision whether to build a factory in the urban or rural area. If an intangible factor ; such as labour problem, is considered, a factory should be built in the rural area, Because the higher wages and labour contention will affect the production in the factory located in the urban.

This study is aimed to determine the suitable location of a fishing net factory in the new local area. It is found that 4 villages (labour age ranging between 14-18 years) and 23 villages (labour age ranging between 14-50 years) are suitable for selection of location.