

Thipnaree Saksophit 2007: The Analysis of Demand and Supply for Export Gem and Jewelry Air Transportation Service of Thailand. Master of Economics, Major Field: Economics, Department of Economics. Thesis Advisor: Assistant Professor Manvipa Indradat, Ph.D. 111 pages.

Most of international trade in Gem and Jewelry has been transported by Air. As in 1995 – 2005 were 90.74% of total export value. The objectives of this study are to study the characteristic and the problem of gem and jewelry transportation services demands and supplies in Thailand which export to United State, Israel, Belgium and Japan. By studying and analyzing the primary data that was received from the Customs department and freight forwarder companies. An analyzing the data by using tables and percentage. The secondary data were documents and reports from freight forwarder and related government agency, which using for analysis the structure of gem and jewelry production and sale process. Furthermore, it also analyzed the potential exporting gem and jewelry by using time series based on moving average method.

The results of this study were the gem and jewelry exporters, who had Industrial Works and Commercial Registration, were 19.47% of Commercial Registration. That means 80.53% of Commercial Registration did not had Industrial Works Registration, the problems in applying for Certificate of Origin. It made the exporters lost the duty exemption to United State, Israel, Belgium and Japan. For that reason, Department of Industrial Works and Department of Business Development should study the condition of Registration for applying its. Nevertheless, the analysis of exporting gem and jewelry in Thailand will be increase exporting value and seasonal exporting. The volume of gem and jewelry in Strong room at the Donmuang Airport was nearly the maximum capacity of this room. Even though it had not included the other high value products that are using the same room. In addition to, the result of this study in freight forwarder shown that they will not be able to provide enough services to the exporters in the quarter that has the high volume of exporting. Additional the problems in cargo services and the Customs checking area which did not had satisfaction safety area. For those reasons, moving to the new international airport, Suvarnbhumi Airport, will help fasten up the product transportation and cargo services. Moreover, freight forwarders, Customs department and Cargo should be cooperated to transfer knowledge in transportation service of this goods for increasing the security level and convenient of gem and jewelry transportation.

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