## **ABSTRACT**

minister Regulation of Indonesian health (Permenkes) number 2348/Menkes/PER/XI/2011, about KKP as technical implementation unit in control and prevention of infectious disease at environmental of health department (Kemenkes) of RI, KKP also carries out maintenance task on port environmental sanitation and limited health service. Regulation of Indonesian health minister (Permenkes) number 34, year 2013 about implementation of rat or insect removal action at conveyance in port, airport and land border cross. This study aimed to evaluate the implementation of passengershipfumigation at YosSudarso port, work area of second class port health office (KKP) Ambon, through observational with descriptive approach. The number of sample in this study is 14 persons. The data was collected by using questioner and observation. Data processing was done by descriptive analysis using path analysis. The result showed that education directly relates toward knowledge or 0.856%, direct relationship between training with knowledge or with moderate influence level (structural coefficient 0.838), the level of knowledge directly affects the implementation of ship fumigation, with strong influence level (structural coefficient 0.679), and the level of education affects indirectly toward the implementation of ship fumigation through knowledge level, with moderate influence level (structural coefficient 0.582). Level of education, training and knowledge level is very influential on the ship fumigation procedures for implementation. The need for increased training on procedures for implementing the fumigation of ships regularly carried out in a year 2 times in KKP class II Ambon. The need for procurement and replenishment means that there is no so helpful and facilitate the implementation process of fumigation ships in KKP class II Ambon.

**Keyword**: evaluation, implementation, ship fumigation.