

Ronapup Sundararohita 2011: A Study on Expectation of Industrial Estates towards Master Degree Graduates in Safety Engineering : A Case Study of Industrial Estates in Rayong Province. Master of Engineering (Safety Engineering), Major Field: Safety Engineering, Faculty of Engineering. Thesis Advisor: Associate Professor Prapaisri Sudasna-na-Ayudhya, Ph.D. 144 pages.

The samples that use in this research are 202 entrepreneurs from the industrial estates in Rayong. The objective in this research is to study the expectation of the companies towards the students who graduated in Safety Engineering and also establish the criteria for increment the potential qualification for the graduates.

The result indicated that the entrepreneur do not have any specific qualifications of the graduates for Master degree in Safety Engineering for the gender of staff, but the requirement for the age would be 30-35 years old with GPA. 3.00-3.25, and have working experience in safety engineering 1-5 years with the salary between 20,001-30,000 Baht. The entrepreneur would like to have a safety engineer in rate of 1 person per factory and prefer the staff that graduated from state university. The strength point of the graduates is that they have high knowledge and the weak point is the working skills. The most wanted characteristics that the entrepreneurs indicated in this study are the merit, personality, general knowledge and academic knowledge, respectively.

The results from the hypothesis testing showed that entrepreneur who have different registered capital interest in different general knowledge and personality at significance level of 5% , but there are not significance difference in academic and merit. The way to increment the potential qualification for the newcoming Safety Engineering is started from the university procedure for selecting the students who have experience in engineering and must pass both academic and attitude testing. The main point is to improve the curriculum and the subjects that conform to the need of the entrepreneur.

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Thesis Advisor's signature