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According to the Needs of Industries
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Abstract

The industrial expansion and rapid technology development have direct effect on factories in several industries especially the need to acquire engineers who possess knowhow, capability in administration and planning of equipment and machinery maintenance. The present study aimed to find the requirements of management concerning factory maintenance engineers' competencies in knowledge, skills and other desirable attributes.

The population sample comprised management at the level of manager or chief of maintenance section, one person for one factory, altogether 32 factories in the automobile parts manufacturing industry which have at least 200 employees in Samut-Prakan. Questionnaire was employed for the study and data was subject to statistical descriptive analysis.

The finding of the requirements of management concerning factory maintenance engineers' knowledge in 14 categories on average was very high with the knowledge in Automatic Control and Effective Lubrication were cited as No. 1 and No. 2 requirements respectively.

Concerning the skills in 22 categories, the requirements (on average) was at the middle level with skills on Pump and Compressor Maintenance and Electrical Motor Repair and Maintenance were cited as No. 1 and No. 2 respectively.

Concerning other attributes in 8 categories, the respondents rated very high on every category with Diligence and Honesty came first and second respectively.

Looking at the total picture, other desirable attributes were cited first followed by knowledge and skills.