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Administrators of Agro-industry.
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Abstract

The study aimed to find the requirements of administrators of agro-industry for power mechanics and their opinions on knowledge and competencies needed in this field.

The subjects comprised administrators of agro-industry in Bangkok, Nontaburi, Patum Thani, Samut Sakhon and Samut Prakan. 35 factories were purposive sampling selected to answer the questionnaire prepared for this particular study.

The study yielded the following results:

18 administrators expressed high level of need for power mechanics, 16 at medium level while only 1 factory expressed low level of need.

All competencies in the knowledge field for power mechanics in the following list (from highest score to the lowest) were judged to be highly needed by the administrators : Preventive maintenance, electrical motor, hanged rail crane, fork lift, pump system, hydraulics system, belt and rolling conveyors , piping and high-pressure tank, pneumatics system, boiler, hot-oil pot, computer, compressor fan & blower, raw water supply and waste water treatment, and engine.

All competencies in the skills in the following list (from highest score to the lowest) were highly required by administrators: Pump system, fork lift, belt and rolling conveyors, boiler, electrical motor , hydraulics system , raw water supply and waste water treatment, engine, hanged crane rail, piping and high-pressure tank, compressor fan & blower, hot-oil pot, pneumatics system, and computer.