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Thesis Title : Problems and Desirable Competencies of Civil Engineers According to the Opinions of Administrators Attached to the Public Works Department.

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Abstract

The purposes of this research were to study the opinions of administrators attached to the Public Works Department on problems and desirable competencies of Civil Engineers.

The questionnaires were sent to 88 administrators of the Office of Civil Engineering nationwide and chiefs of divisions under the Public Works Department in Bangkok. The 72 returned questionnaires (81 %) were analysed to find out the means and standard deviation.

The research results revealed that there were the least degree of problems on academic and operation matters while at work whereas there were a small number of problems concerning moral, ethic, personality and human relationship.

The academic and operation competencies were desired in the middle range of the scale of necessity while it appeared high on the scale of necessity for the Civil Engineers to have the competencies of morals, ethic, personality and human relationship.