

3736246 SICP/M : MAJOR : (CLINICAL PSYCHOLOGY) ; M.Sc.

**KEY WORD** : GHQ-28 / MENTAL SCREENING TEST / INDUSTRIAL WORKERS

JINTANA SINGKHORNARD: THE STUDY OF QUALITY OF THE MENTAL SCREENING TEST : GENERAL HEALTH QUESTIONNAIRE-28 (GHQ-28) FOR THE INDUSTRIAL WORKERS IN KHON-KAEN. THESIS ADVISOR : KANOKRAT SUKHATUNGA, M.Ed., M.Sc. CHIRDSAK KOWASINT, Ed.D. THIRASAK KUMBANARUK, M.A. 69 p. ISBN 974-675-240-5

This research is aimed to examine the mental screening test : General Health Questionnaire-28 (GHQ-28), Thai-version, for industrial workers in Khon-Kaen in order to set up the threshold score for separating the workers with psychological problems from non-problemated ones at the value of 80% sensitivity and specificity and 20 % misclassification rate. The sample consisted of 205 industrial workers from 2 plants : 25 were males and 180 were females. A semistructured psychiatric interview schedule was used by a psychiatrist for validating the GHQ-28 against formal psychiatric diagnosis.

The results show that the best acceptable threshold score for case identification is 5/6. This score would yeild 81.8% sensitivity, 82.0% specificity and 18.1% missclassification rate. Split-half reliability coefficient of the GHQ-28 is 0.92 and Cronbach's Alpha coefficient 0.87. The study shows that GHQ-28, Thai-version, is useful as a mental screening test for industrial workers.