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MAYUREE KONGDOUNG : APPROPRIATE STUDY OF WASTE MANAGEMENT FROM TRAINING MATERIAL IN COLLEGES ; A CASE STUDY : AT KANCHANABURI TECHNICAL COLLEGE. THESIS ADVISORS : KASEM KULPRADIT, M.Sc., THANAKORN UAN-ON ,D.Engr., KANIT SA-NGUANTRAKOOL, M.Sc., SUTHINAN NANTAJIT, M.S. (Chem. Eng.) ., 173 p. ISBN 974–663–466- 6

The researcher studied the appropriate means to manage and recycle the waste material from Technical colleges, which cannot be shreded. The researcher studied the non–disposable waste materials from Technical Colleges

Kanchanaburi Technical College as well as 9 other technical colleges, were chosen to be the subjects of a case study, the questionnaires were prepared by 240 students. The data was processed by SPSS program with statistically analyzed percentages, arithmetic mean, and chi-square. T-test and Anova were applied to different variables.

The presentation of findings the data followed analyses . The study found that the level of students' knowledge about waste management is quite low. The average was 5.42 from 14 point. Therefor students should be made more aware. As for student's attitude to waste management by categories, The study found that 60% of the samples were not certain while 36% absolutely agree and only 4% disagree.

The three main concerns of the samples were sex, age and education level. It was proved that the attitude toward waste management was not related to the level of education. There was no different process of waste management and re-using among Technical colleges.

The study suggested that students realized waste separation and recycling concepts but lacked the know how. The college should examine students' attitudes by giving the pre and post tests. Also serve bins should be made available and students should be encouraged to reduce waste. To manage waste more effectively, the material should be weighed before and after use.