

Ratchadaporn Nat-a-jala 2006: Personality, Work Factors and Stress of Operators in Agrochemical Factory. Master of Science (Industrial Psychology), Major Field: Industrial Psychology, Department of Psychology. Thesis Advisor: Miss Thipthinna Smuthranond, Ph.D. 118 pages. ISBN 974-16-1706-2

The objectives of this research were as follows: 1) to study the level of stress in Agrochemical Factory; 2) to compare personal factors of operators in Agrochemical Factory; 3) to study the relationship between personality and work factors with the stress of operators in Agrochemical Factory; and 4) to study the predictive variables between personality type A and work factors influencing the stress. Samples were 124 operators in Agrochemical Factory. The questionnaires used for collecting data were composed of 4 parts: personal factors, personality type A-B, work factors, and stress assessment. Percentage, mean, standard deviation, t-test, F-test, Pearson's Product Moment Correlation Coefficient and Multiple Regression Analysis were used to analyze the data.

The results of this research were as follows: 1) operators in Agrochemical Factory had low level of stress; 2) operators who had different age had a difference in the stress at statistically significant level of .05; 3) type A personality, work factors of role conflict and role ambiguity were positively related to the stress at statistically significant level of .05, moreover, work factor of work environment was negatively related to the stress at statistically significant level of .05; and 4) type A personality and role conflict could predict the stress at 14.7 percent at statistically significant level of .05.

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