

## C840474 : MAJOR EDUCATIONAL RESEARCH

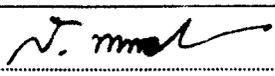
KEY WORD: COMPOSITE INDICATOR / ELEMENTARY SCHOOL STANDARD

SOMKIAT TANOK : A DEVELOPMENT OF COMPOSITE INDICATOR FOR ELEMENTARY SCHOOL STANDARD. THESIS ADVISOR : ASSO. ROF. TAWEEWAT PITAYANON, Ph.D. 169 pp. ISBN 974-635-906-1

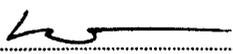
The purpose of this study was to develop and validate the composite indicator for elementary school standard. Data were results from elementary schools evaluation, using elementary school standard criteria, consisted of 43 indicators from 7,435 elementary schools under the Jurisdiction of the Office of the National Primary Education Commission. Data were analyzed by descriptive statistics through SPSS, and confirmatory factor analysis, second order confirmatory factor analysis were employed through LISREL version 8.10

The results indicated that the elementary school standard model were consistent with empirical data. This model provided the chi-square goodness-of-fit test of 12.99,  $P=0.98$ ,  $df=26$ , the GFI and AGFI of 1.00. The composite indicator for elementary standard was consisted of 6 areas of administrations component, ranging from the highest factor loading, they were; the school-activity affairs, school business and finance affairs, personnel affaires, school buildings affairs, academic affairs and the school-community relations affairs. The multiple R-square of the relations between the composite indicator with each affairs respectively was 0.91, 0.89, 0.84, 0.77, 0.66 and 0.64.

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