

## LIST OF TABLES

Table II.1 Recommended Weight Limit Variable.....	39
Table IV.1 Anthropometric Data of Operator.....	60
Table IV.2 Determination of Lifting Frequency per Minute .....	63
Table IV.3 Variable Data of NIOSH Lifting Equation .....	64
Table IV.4 Variable Data of NIOSH Lifting Equation Cont. ....	65
Table IV.5 Angle Posture of Taking a Sack Bean .....	70
Table IV.6 Angle Posture of Carrying a Sack Bean .....	73
Table IV.7 Angle Posture of Putting a Sack Bean .....	75
Table V.1 Grip Position Calculation Results .....	85
Table V.2 Determination of Total Stack of Containers .....	85
Table V.3 Determination of Optimal Angle .....	90
Table V.4 The Compressive Force on L5/S1 Results for each activity .....	93
Table V.5 Comparison Table between Existing Method and Proposed Method..	97
Table V.6 Comparison Table between Existing Method and Proposed Method Cont. ....	98