

TABLE LIST

Table I. 1 Fleet Information	1
Table I. 2 Fleet Capacity	2
Table II. 1 CDD Wingbox.....	9
Table II. 2 CDD Long Box	10
Table II. 3 Equivalent Term	15
Table IV. 1 Specification of CDD Wing-Box.....	28
Table IV. 2 Specification of CDD Long-Box	29
Table IV. 3 Cycle Issue Table.....	29
Table IV. 4 Raw Material Dimension	30
Table IV. 5 Production Demand March 2019	33
Table IV. 6 Production Demand April 2019	34
Table IV. 7 Production Demand May 2019	35
Table IV. 8 Fitness Value Chromosomes Example	42
Table IV. 9 Roulette Wheel Selection Method	43
Table IV. 10 Chromosomes Crossover Selection Illustration.....	44
Table IV. 11 Crossover Process Illustration	45
Table IV. 12 Illustration of Order Based Mutation (Before)	46
Table IV. 13 Illustration of Order Based Mutation (After).....	46
Table IV. 14 Data Input March	48
Table IV. 15 Data Input April	48
Table IV. 16 Data Input May	50
Table IV. 17 Cycle Time of Material Order Delivery	51
Table IV. 18 Results (March Data)	51
Table IV. 19 Calculation Free Space per Container (March)	52
Table IV. 20 Results (April).....	53
Table IV. 21 Calculation Free Space per Container (April)	54
Table IV. 22 Results (May).....	55
Table IV. 23 Calculation Free Space per Container (May)	56