**Category/Partition**

**1.P1 = ไม่มีของเลย**

2.P2 = น้ำหนักไม่เกิน

3.P3 = ค่าน้ำหนัก = 1000

4.P4 = ค่าน้ำหนักเกิน

| **Test Case Design and Test Results** | | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | | | |  |  |  |  | |  |  | | |
| **Project Name:** | Shipping Problem | | | | | | | **Project ID:** | |  | | | |
| **Test Strategy:** | Category-partition method | | | | | | | **Designer:** | | วัฒนชัย บึงจันทร์ | | | |
| **Test Environment:** | |  | | | | | | | | | | | |
|  |  | | | |  |  |  |  | |  |  | | |
| **Test Case ID** | **Input** | | | **Expected Result** | | | | | **Actual Result** | | | **Status (Pass/Fail/No run)** |
| Large | Medium | Small |
| TC01 | 0 | 0 | 0 | [0,0,0] | | | | | [0,0,0] | | | Pass |
| TC02 | 1 | 0 | 0 | [1,0,0] | | | | | [1,0,0] | | | Pass |
| TC03 | 100 | 0 | 0 | [100,0,0] | | | | | [100,0,0] | | | Pass |
| TC04 | 90 | 10 | 0 | [90,10,0] | | | | | [90,-1] | | | Fail |
| TC05 | 90 | 10 | 10 | [90,10,10] | | | | | [90,-1] | | | Fail |
| TC06 | 99 | 10 | 0 | [99,10,0] | | | | | [99,10,0] | | | Pass |
| TC07 | 100 | 0 | 1 | [-1] | | | | | [-1] | | | Pass |
| TC08 | 0 | 200 | 0 | [0,200,0] | | | | | [0,200,0] | | | Pass |
| TC09 | 0 | 0 | 500 | [0,0,500] | | | | | [0,0,500] | | | Pass |
| **Test Case ID** | **Input** | | | **Expected Result** | | | | | **Actual Result** | | | **Status (Pass/Fail/No run)** |
| Large | Medium | Small |
| TC10 | 101 | 0 | 0 | [-1] | | | | | [-1] | | | Pass |
| TC11 | 0 | 201 | 0 | [-1] | | | | | [-1] | | | Pass |
| TC12 | 0 | 0 | 501 | [-1] | | | | | [-1] | | | Pass |
| TC13 | 0 | 1 | 0 | [0,1,0] | | | | | [0,-1] | | | Fail |
| TC14 | 0 | 0 | 1 | [0,0,1] | | | | | [0,-1] | | | Fail |
| TC15 | 100 | 1 | 0 | [-1] | | | | | [-1] | | | Pass |
| TC16 | 100 | 1 | 1 | [-1] | | | | | [-1] | | | Pass |

| **Scenario ID** | **Scenario Name** | **Test Case#** | **Pass** | **Fail** | **No run** | **Block** | **Remark** | **Defect ID** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| EC-Lab5-02 | Shipping Problem | 16 | 12 | 4 | 0 | 0 |  |  |
| **รวม** | | 16 | 12 | 4 | 0 | 0 |  |  |