**Set Values Testing - Black Box**

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| --- | --- | --- |
| **External Condition** | **Valid equivalent Class** | **Invalid Equivalent Class** |
| Share Value £ | 0-500 | <0  >500 |
| Number of shares (units) | 0-5000 | <0  >5000 |
| Set value for stock £ | 0-2,500,000 | <0  >2,500,000 |

|  |  |  |  |
| --- | --- | --- | --- |
| **External Condition** | **Valid equivalent Class** | **Invalid Equivalent Class** | **Boundary** |
| Share Value £ | 0-500 (a) | <0 (b)  >500 (d) | -0.01 0 0.01 (c)  499.99 (e) 500 (f) 500.01 |
| Number of shares (units) | 0-5000 (g) | <0 (h)  >5000 (j) | -1 0 1 (i)  4,999 (k) 5,000 (l) 5,000 |
| Set value for stock £ | 0-2,500,000 (m) | <0  >2,500,000 | -0.01 0 0.01(n)  2,499,999.99 (o) 2,500,000 (p) 2,500,000.01 |

|  |  |  |  |  |  |
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| **Test Case** | **Input condition covered** | **Share Value £** | **Number of shares** (units) | **Stock Set Value £** | **Expected Output** |
| 1  2  3  4  5  6  7  8  9 | b  d  h  j  a,g,m  c,i,n  e,k  f,l,p  o | -0.01  500.01  0.01  0.01  0  0.01  499.99  500  4,99.9998 | 0  0  -1  5,001  0  1  4,999  5,000  5,000 | 0  0.01  2,499,450.01  2,500,000  2,499,999 | Invalid  Invalid  Invalid  Invalid  Valid  Valid  Valid  Valid  Valid |