# Test Description

**Test Name or ID**: T011 – T016

**Test Type**: Black box

**Description**: To determine whether the box size is within the required range.

**Setup:** To carry out testing of this function, linking to the Visual Studio Unit Testing template was performed and assert true method was used.

**Test Function**: int checkSize(const double size)

**Test Scenarios:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Description | Test Data | Expected Result | Actual Result | Pass/Fail |
| Valid size input | Size = 0.25 | TRUE | (TBC) | (TBC) |
| Invalid size input | Size = 0.3 | FALSE | (TBC) | (TBC) |
| Valid size input | Size = 1 | TRUE | (TBC) | (TBC) |
| Valid size input | Size = 0.5 | TRUE | (TBC) | (TBC) |
| Invalid size input (negative number) | Size = -0.25 | FALSE | (TBC) | (TBC) |
| Invalid size input (negative number) | Size = -1 | FALSE | (TBC) | (TBC) |

**Bugs Found**: Not yet found.