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| **Project Name: Compression Strength Test** | |
| **Test Case Template** | |
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| **Test Case ID: Strength\_of\_Materials\_proj-11** | **Test Designed by:**  I.NAVYA KRUTI |
| **Test Priority (Low/Medium/High):** Med | **Test Designed date: 25 Aug, 2019** |
| **Module Name: SRIP/Civil Engineering-IIITH** | **Test Executed by:** I NAVYA KRUTI |
| **Test Title:** Verify conversion of flash file into HTML5/JavaScript file | **Test Execution date:** 25 Aug 2019 |
| **Description: Experiment of Compression Test.** |  |
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| **Pre-conditions: Must have chrome browser (latest). Also works in Firefox and Opera.**  **The buttons should be pressed in the sequence Start, Next and Re-start.** | |
| **Dependencies: Internet connection is required for uploading supporting libraries.** | |

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| **Step** | **Test Steps** | **Test Data** | **Expected Result** | **Actual Result** | **Status (Pass/Fail)** | **Notes** |
| 1 | Navigate to first page | Buttons and images displayed | On load  Buttons and images displayed | Buttons and images displayed properly in place | Pass |  |
| 2 | Press button "Start" | Image appears and completes animations Heavy plunder retracts downwards, new brick sample appears and animates with display of Results graph. | Images appears and completes animations | All animations are executed and result displayed as a graph | Pass |  |
| 3 | Press button "Next" | Heavy plunder retracts upwards, new brick sample appears and animates with display of Results graph. | Images appear in sequence on time and animates | System readies for next sample.  Image animates properly Heavy plunder retracts upwards, new brick sample appears and animates with display of Results graph. | Pass |  |
| 4 | Press button " Re-start" | System back to “on load” state | Initial stage is restored | Back to original state and the actions can now be repeated with “Start” and “Next: buttons | Pass |  |

**Post-conditions:**

After the evaluation the browser "Re-start" button should be pressed to go back to the original screen .