Table 1 – LCD Go To position Test Plan

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| **Test Writer:** | | Steven Taylor |  |  |  |  |
| **Test Case Name:** | | Go To Position Test Plan | **Test ID #:** |  |  | XY Test 1 |
| **Description:** | | Verify the operation of the library function to move cursor to a specified character position on the LCD | **Type:** | |  | White Box |
| **X** | Black Box |
| **Tester Information** | |  |  |  |  |  |
| **Name of Tester:** | |  | Date: |  |  |  |
| **Hardware Ver:** | | 1.0 | Time: |  |  |  |
| **Setup:** | Connect STK600 Port\_K\_ to the LCD board input pins, and connect the LCD board to power. Run position test code | | | | | |
| **Test** | **(Test Variable)** | **Expected Result** | **Pass** | **Fail** | **N/A** | **Comments** |
| 1 | LCD Cursor | Cursor Initialized to Top Left Position on LCD |  |  |  |  |
| 2 | Last position top line | Cursor moves to the farthest right position on the top line |  |  |  |  |
| 3 | Middle position  Top line | Cursor moves to the middle character position on the top line |  |  |  |  |
| 4 | First Position bottom line | Cursor moves to the farthest left position on the top line |  |  |  |  |
| 5 | Last Position bottom line | Cursor moves to the farthest right position on the bottom line |  |  |  |  |
| 6 | Middle Position bottom line | Cursor moves to the middle character position on the bottom line |  |  |  |  |
| 7 | Time to move cursor | Cursor takes no longer than \_\_\_ms to move |  |  |  |  |
| **Overall Test Result:** | |  |  |  |  |  |