***FRICTION COMPENSATION TESTING***

Date: {{date}} Tested by: {{tested\_by}}

|  |  |  |  |
| --- | --- | --- | --- |
| **SL. No:** | **Description** | **Check**  **/** | **Remarks** |
| 1 | Check the test setup assembly. | {{ch\_1}} | **{{remarks\_1}}** |
| Check the connection. | {{ch\_2}} | **{{remarks\_2}}** |
| Check the active current value just after enabling the drive. | {{ch\_3}} | **{{remarks\_3}}** |
| Check if actuator is warmed up. | {{ch\_4}} | **{{remarks\_4}}** |
| **Procedure of Actuator Friction Compensation Testing** | | | |
| 2 | Test the actuator for velocity control mode. | {{ch\_5}} | **{{remarks\_5}}** |
| 3 | Record the following data.   * Actual Velocity * Active Current * Recording time | {{ch\_6}}  {{ch\_7}}  {{ch\_8}} | **{{remarks\_6}}** |
| 4 | **Noise and Current Check** | **Yes/No** | **Inspected By** |
| Any Abnormal Noise | {{yn\_1}} | **{{inspected\_by\_1}}** |
| Abnormal Peak Current | {{yn\_2}} | **{{inspected\_by\_2}}** |

***Setup Assembled by***

Name: {{assembled\_by}} Date: {{assembled\_date}} Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_

***Tested by***

Name: {{tested\_by}} Date: {{tested\_date}} Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_

***Approved by***

Name: {{approved\_by}} Date: {{approved\_date}} Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Remarks:**

{{end\_remarks}}