**“*AHU Test Software Updates*”**

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# **REVISION LOG**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Revision: 1.0** | | **Effective Date:** | | |
| **Section** | **Justification** | | | **Changes** |
|  |  | | |  |
| **Impact of above change(s) on other documents:** | | |  | |

# **REFERENCES**

1. C:\\_Projects\\_LV2015\AHU\Source Code\AHU Lab.lvproj

# **PURPOSE**

1. To update the AHU Lab Test Interface and Data collection.
   1. Interface and equipment came from Portland, brought to Grantley, and then to JADEC.
2. To overcome shortcomings.
   1. Old Interface.
   2. Old Technology.
   3. No Database
   4. Bunch of options that are not used.

# **SCOPE**

1. Short Term
   1. Be able to Run 100k and 30k at the same time.
      1. Convert Common FieldPoint Chassis to Ethernet Chassis.
      2. Get 2 Separate PCs.
         1. One for 30K
         2. One for 100K
   2. Edit Test Code for DAQmx Setup as opposed to FieldPoint.
   3. Use INI to limit each PC.
2. Long Term
   1. Use of Trendsafe Interface.
   2. Data recorded to the Database.

# **APPARATUS AND EQUIPMENT**

# **UPDATES**