

Project Bi- Weekly Progress

Date: 1/23/2014

Project Title: Automated High Volume Bearing Bore Gage

Students Names: Eric Allgeier, Matthew Boler, Kevin Flemming, Seth Norman, Christopher Proffett

Mentors/ Coordinator/ Sponsor: Dr. Cartes, Dr. Frank / Joseph Potts / Koyo Bearings

1. Project Title: Automated High Volume Bearing Bore Gage

2. Project Objectives/tasks Breakdown:

The objective of this project is to update the software and interface on a bearing bore gage. This device must be user friendly and integrated into a system that monitors multiple gages at once.

3. What was accomplished the last two weeks on individual tasks- representative supporting data/ documents

Communication has resumed with Koyo Bearings. An updated and finalized purchase order has been completed and submitted. A test bed has been created for the PLC. A meeting schedule has been created for the spring semester and time has been allocated weekly for constructing the physical project.

Christopher Proffett set up the meeting schedule. Matthew Boler and Seth Norman reviewed the parts for ordering and resubmitted to Koyo Bearing. After these objectives were completed, all three joined Eric Allgeier and Kevin Flemming on the test bed construction.

4. Summary of problems encountered and actions taken (and by whom)

The submitted order for parts at the end of the fall semester was unclear; Koyo Bearing was unable to purchase the parts because one part number was missing. We have double checked every art number and resent the ordering document.

5. Attached Gantt chart modifications and analysis if project is behind schedule and summarize actions planned to overcome the problems)

6. Work planned for the next period and the person(s) responsible:

The remaining wiring and labeling of the test bed is set to be complete this Friday. Disassembly will then begin for the current machine. Detailed sets and photographs will be taken for each step of the break down.

7. Open comments/suggestions (Please feel free to include your private comments):

Coordinator/ Instructor assessment report and corrective action