

30 Nov. '93

To: K.W. Soucy
From: J.R. Snedeker

Ref: Progress Report

Safety, Health and Housekeeping:

Sound level measurements have been taken in the test lab shooting room. These need to be retaken because of some problems with the sound measuring equipment.

The project to redo the air handling system has been approved and is underway with the crafts people having updated quotes submitted and work being done to cut holes in the walls for the new ductwork.

Maintenance:

Welding repairs have been done to the the water shot catchers to get them back in order before testing can continue.

Test Programs:

The Peerless testing is completed and the product accepted for shipment. We will continue to sample the warehouse on a periodic basis and test the guns to see if any new problems become evident.

Testing is still underway with the Detachable Magazine Box system with the 30-06 and 280 caliber versions successfully trial and pilot tested. Trial & Pilot testing on the 270 caliber detachable box is next on the schedule.

We continue to test design changes on the new cantilever system for endurance and pre-mature loosening of the system. The solvent test a new composition recoil pad that is softer and easier to mold than the currently used material has been completed successfully and no problems with the new composition material were noted for any of the commonly used gun solvents.

Dry cycle testing is continuing on a proposed process change to the common fire control hammer.

We have done strain gage workups on various types of chokes as it relates to various types of ammunition currently on the market and the results have been sent on to Lonoke.