

REMINGTON ARMS COMPANY, INC.
LONOKE, ARKANSAS 72086

To: T. C. Douglas
From: F. G. Lopata *4 J. G. K.*

June 25, 1992

SUBJECT: JUNE PROGRESS REPORT

R&D LABORATORY:

A list of 34 Safe Operating Procedures has been developed and writing has begun on them. These procedures must have the approval of the Explosives Committee before any explosives work can be done. The list is attached for informational purposes. It will no doubt be expanded as the lab becomes operational.

Employee Relations has received applications for the technician⁷⁰⁸ and is reviewing the qualifications of the employee applicants. An ad has been placed for outside applicants as well. Candidates for interview should be presented by mid-July.

LEAD-FREE PRIMING MIX - CETR

Phase I literature search and written report are expected by July 15. Phase II work will be formalized after we review the report of Phase I.

PLANT SUPPORT

Participation is continuing in the revision of the explosives audit procedures as a member of the primer area team. We have determined what is to be audited, a time schedule, and defined 23 new "zones" that will each only take two hours to audit. This will save four to ten hours over the current audit schedule time total. Two of the zones have been detailed so far. The balance should be finished by the end of third quarter.

An experimental tetrazene procedure was reviewed for F. Whitmore.

Reviewed magazine limits and storage limits in high-explosives manufacturing area for O. Laster.

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(R&D Project support)

The CETR study of tetracene-lead peroxide is still on schedule with results expected by the end of July.

SAFE OPERATING PROCEDURES

EXPLOSIVES RESEARCH AND DEVELOPMENT LABORATORY

General Area Instructions
 Safety Testing Requirements for New Energetic Materials
 Small-scale Mix Procedure
 One-pound Mix Procedure
 Environmental Storage Procedure
 Magazine Storage and Reporting Procedure
 Operation of the Thermogravimetric Analyzer
 Operation of the Differential Scanning Calorimeter
 Operation of the Parr Bomb Calorimeter
 Operation of the Particle Size Analyzer
 Operation of the Infrared Spectrophotometer
 Operation of the UV-VIS-NIR Spectrophotometer
 Operation of the Microscopes
 Chemical Inventory
 Waste/scrap Inventory
 Glassware Cleaning Procedure
 Small-scale Charging and Primer Manufacture
 Drying of Explosives Samples
 Operation of Monitors and Recorders
 Operation of Balances
 Operation of Drop Weight Tester for Solid Explosives
 Operation of Friction Tester
 Operation of Electrostatic Discharge Tester
 Operation of Drop Tester for Primers
 Drying of Primers
 Chemical Handling and Storage
 Record Keeping-Data Logging
 Black Powder Test Procedure
 Propagation Test Procedure
 Pellet Weight Determination Procedure
 Dry Pellet Weight Procedure
 Operation of the Carver Press
 Operation of the Primer Bomb
 Operations in the Waste Treatment Laboratory