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## REMINGTON ARMS COMPANY, INC.

INTER-DEPARTMENTAL CORRESPONDENCE

*Remington*  
QUINT*PETERS*  
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June 4, 1992

"CONFINE YOUR LETTER TO ONE SUBJECT ONLY" \_\_\_\_\_

M E M O R A N D U M

TO: K.W. SOUCY

FROM: F.E. SCHMIDT, JR. *FS*

SUBJECT: MAY MONTHLY REPORT

This month focused on O/U Metallurgical Processing for trial and pilot evaluation. Specifically, all prototype forging, heat treatment, brazing, welding, and stress relief must be debugged by August 1. Trial and pilot manufacturing can then be run in production for qualification testing.

Other significant activities are listed below:

- PM/MIM - A process record audit performed on P/N 93906 for DCR disposition points up two areas for improvement. In-process and final inspection instructions need to list density checks and that all references to hardness should clearly report hardness scale required and the notation 'apparent' hardness.
- Plant Assistance - During May assistance was provided to optimize Model 700 stainless steel processing, specifically for electro-plating nickel-phosphorous. Discussions on induction hardening for modernization were also pursued.
- Facilities - A.A. Pestar attended a users seminar on Kevex analytical methods and equipment. A follow-up meeting with Gerald Mulholland was held at Ilion. We plan to upgrade our EDAX System IVQ92.

General

The May TECH BRIEF on 'Controlled Shot Peening Applications' by Win Welsch of Metal Improvement Co., Inc., was very well received. We use grit blasting to cosmetically finish many products. The methods to control finish and residual compressive stress are directly applicable to Remington operations.

The June TECH BRIEF is scheduled for June 16, on the subject, 'Tool Coatings for Improved Lubrication and Tool Life'.