

30 Sept., 1993

x.c. F.E. Schmidt

To: R.J. Orf
From: G.D. Sietsema

RE: PROGRESS REPORT - NOVEMBER 1993

In November improvements were monitored in the heat treatment of O/U F.E. Irons. Routing was created for the off-plant heat treat of MIM M/700DM components. A replacement material was established for the new shotgun cantilever. I participated in a MIM vendor audit of ANOPLATE CORP., and evaluated them as a possible source for firearms metal finishing. The remainder of my time was devoted to the processing and inspection support offered through the MET-CHEM Dept.

Following is a more detailed description of some of the projects I have been working on.

Peerless Project

Evaluated new fixture for Fore End Iron flame hardening. Fall out at Magnaflux was reduced using the new fixture. The process will continue to be monitored to confirm the results with a larger sample.

M/700DM PROJECT

Created routing for off-plant heat treat of MIM M/700 DM components made of 17-4 PH material. The components will be routed through an MRP Crib to heat treat, similar to plated components to HM Quackenbush. This is a heat treat application that could be brought in house with the purchase of a vacuum furnace.

NEW SHOTGUN CANTILEVER

A source for aluminum extruded blank was located and is being brought on line. This is in response to recent changes in the U.S. Steel industry making Remingtons steel cold drawn shaped bar unavailable. A purchase order is in for the tooling to be made for the extruded aluminum bar stock, with possible delivery in 8 - 10 weeks.

VENDOR AUDIT - ANNOPLATE CORPORATION.

Participated in a MIM vendor audit of ANOPLATE CORP. Syracuse, NY. Anoplate is a commercial plating house in competition with H.M. Quackenbush(HMQ), our current vendor. I do not recommend Annoplate as Remingtons primary plating source because of their location. In comparison, HMQ's location allows them to provide greater flexibility in scheduling. I will work with purchasing to establish Annoplate as a alternative source for firearms plating.