

POWDER-ACTUATED TOOLS AND INDUSTRIAL TOOLS

Present: Members

Paul Hickman, Chairman
R. T. Catlin
N. F. Larsen
D. E. Miller
C. A. Nash
J. D. Crammond, Secretary

Others

A. W. Hamann
A. D. Kerr
F. A. McGregor
(Acting for J. E. Dickey)
E. Sapp
M. H. Walker

Absent: J. E. Dickey

POWDER-ACTUATED TOOLS

STUD DRIVERS

3/8" CAPTIVE STUD DRIVER PISTON

FLUSH DRIVING PISTON - 1/4" CAPTIVE STUD DRIVER

MODEL 440 HEAVY DUTY REPLACEMENT PISTON

The status of each of the above items is the same.

In testing each of the listed items it was found that pistons would break through the guide tube if the aluminum buffer was not in place. Research & Development has tested a differential heat treat for the piston which remedies this condition and the Plant has released the items for production.

Each of the items is in warehouse stock and parts orders can now be processed.

These items will be dropped from the agenda.

MODEL 455A FIRE CONTROL

Research & Development demonstrated a skeleton model of the 455A Stud Driver which is fitted with a redesigned sear block (the sear block comprises an element of the Model 455A fire control which functions to move the sear and thereby release the firing pin in a normal firing operation). The redesigned sear block is now spring-supported on its pivotal mount in such a way that the entire sear block will be displaced from operative engagement with the sear by inertia if the tool is dropped or struck against a solid surface. The purpose of this change is to provide additional security against drop-firing. Underwriters' Laboratories approval has been obtained for this added safety feature.

Model drawings of the redesigned sear block have been released and parts procurement is under way. It is estimated that components will be available for Stud Drivers assembled in July.