

Powder Metal Sear Test. - Dry Cycle

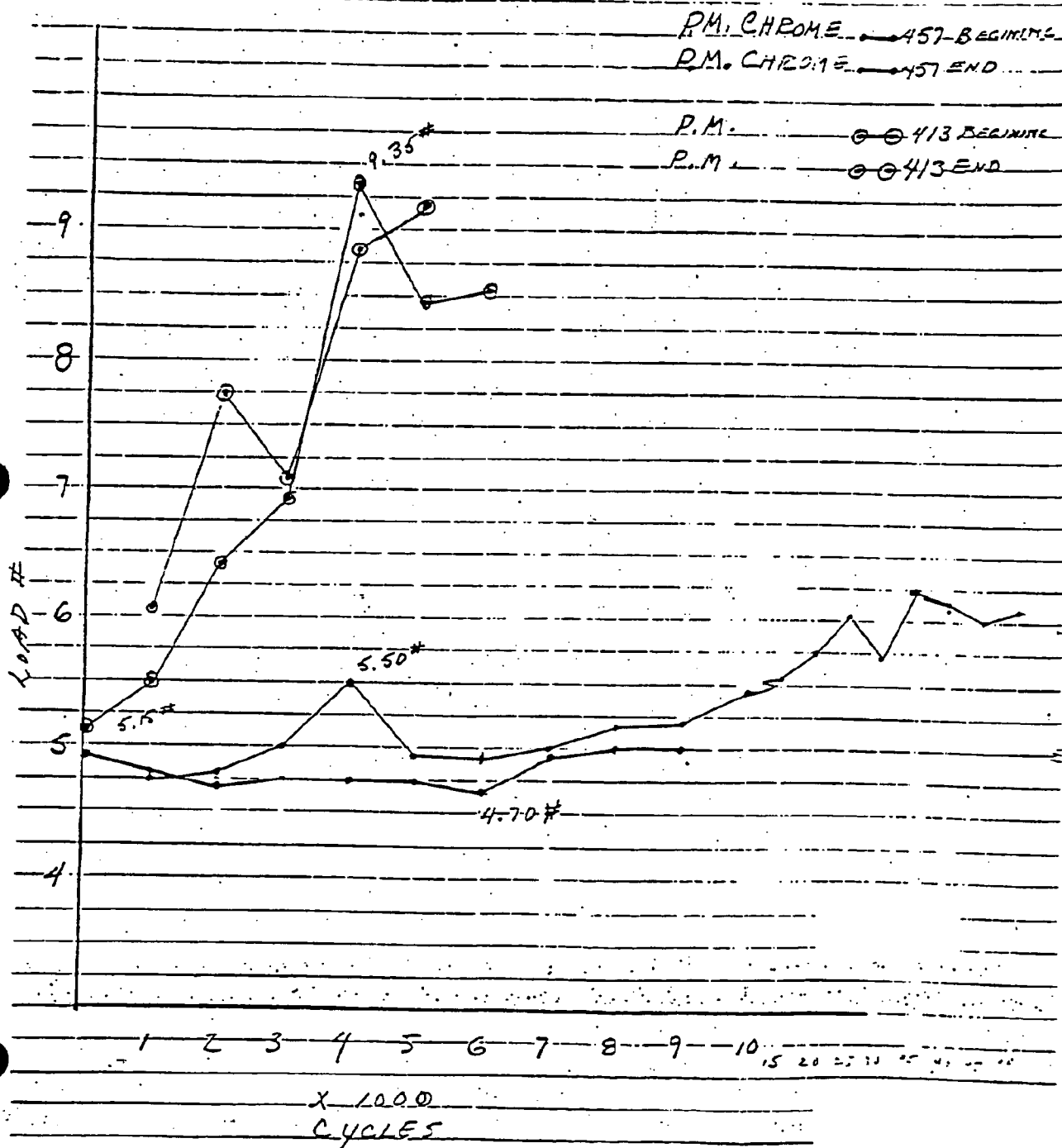
1. Powder Metal Sear
2. Standard Sear
3. Powder Metal - Plated Sear
4. Machined Sear.

- ✓ (a) Calibrate Sandborn Recorder for Trigger Pull by Loading sear downward with known load and pulling trigger with Scale.
- ✓ (b) Set up recorder to record all trigger Pulls
- (c) Check Firing Pin Indent (avg of 5) each 1000 rounds. (adjust sample to conform to crushers on hand) & TRIGGER PULLS.
- (D) RECORD FIRING PIN FALL TIME.

*Note - Lubricate only rocking cam surface before test. Run dry cycle machine at a rate of 1 cycle every 3 sec. Do not lubricate parts at any other time but start of test unless cleared by C. W. Bowman & R. Hugick. Each 1000 cycles wipe sear surface in gun & belt with cloth provided by to remove chips & dirt. A. Hugick

Alternate sear samples each 1000 cycles
Total run of test - 10,000 cycles each sear.

DRY CYCLE TEST ^{45 STD} PM SEARS
 TRIGGER PULL AT BEGINNING & END OF EACH
 100 CYCLES ON PM & PM CHROME SEARS 1.6 B



DRY CYCLE TEST ^{VS. STD.} PM SEARS
 BEGINNING & END TRIGGER PULLS
 FOR PM + PM CHROME SEARS

June 3-

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