

December 2, 1968

Finished Gun Inspection

Finished gun inspection includes an evaluation of overall appearance, a recheck of head space and manual operation of the firearm. The inspector also measures trigger pull and evaluates the feel of the trigger and adequacy of the magazine and safety. By this stage of production, the average gun has been subjected to 1,306 dimensional checks, 100-300 manual tests, 125 metallurgical tests and has 18 identifying test or inspection marks (Exhibit G).

Finished Product Audit

Between final inspect and pack, each product line is subject to a random audit. The sample size each month is 1% of the production or 30 guns, whichever is larger. Finished gun audit in 1968 will include approximately 6,500 guns (Exhibit H). For each model, a finished gun quality audit procedure is prepared which precisely identifies each test to be performed and performance level expected. Failure to attain desired levels of appearance or performance subjects a firearm to demerits according to an exact rating system. Deficiencies are scaled from 1 to 100 demerits. 100 Demerits are charged to any failure affecting the safety of the shooter. 100 Demerits items command immediate corrective action to all guns in process or in the warehouse. Production is resumed when the problem is solved.

R. A. Williamson

R. A. Williamson
Plant Manager

LFox:I
Attach.

WIL01726