

HAND AND PORTABLE POWER TOOLS

arm. The handling, storing, and control of explosive cartridges present additional hazards. Therefore, instructions for the use, handling, and storage of both tools and cartridges should be just as rigid as those governing blasting caps and firearms.

Specific hazards are accidental discharge, ricochets, ignition of explosive or combustible atmospheres, projectiles penetrating the work, and flying dirt, scale, and other particles.

Powder-actuated tools can be used safely if special training and proper supervision are provided for the operator. Manufacturers of the tools will aid in this training. Only trained and properly qualified personnel should be permitted to operate or handle the tools (Fig. 30-25).

Power-assisted, hammer-drive tools are used for the same purposes as powder actuated tools and generally the same precautions should be taken (Fig. 30-26).

Personnel should be trained to use powder charges of the correct size to drive



Fig. 30-26. Correct use of power-assisted hammer-driven tool to secure bracket to a concrete wall.

Courtesy Hilti Inc.

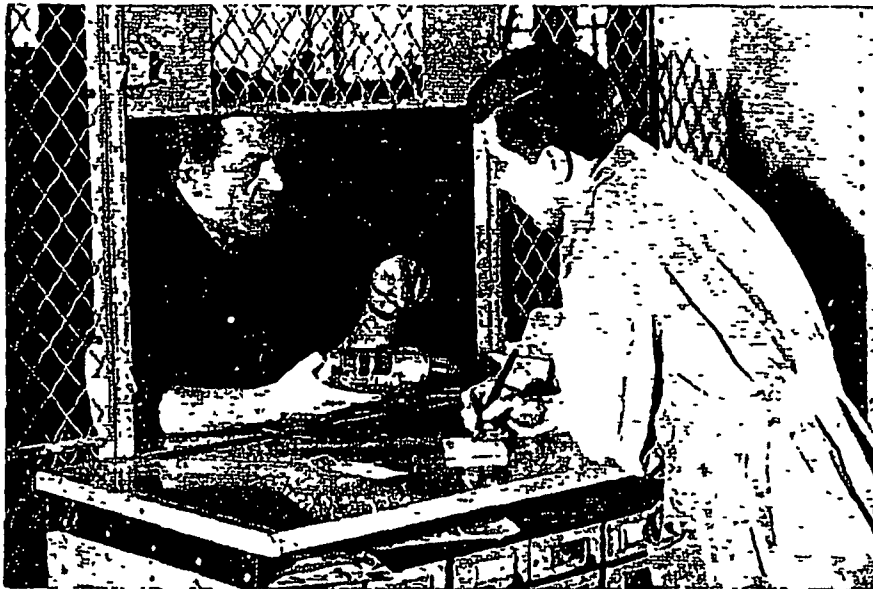


Fig. 30-27. An inspection and maintenance program catches dangerous defects and encourages better use of electrical equipment. A history should be kept on each piece of equipment.