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No. 600-58

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HEADQUARTERS  
DEPARTMENT OF THE ARMY  
WASHINGTON, DC, 25 September 1974

PERSONNEL—GENERAL  
MECHANICAL EQUIPMENT OPERATOR—SELECTION, TRAINING,  
TESTING AND LICENSING.

Effective 15 November 1974

*This is a complete revision of AR 600-58 and is designed for use in conjunction with TB 600-1. Limited supplementation of this regulation is permitted, but is not required. If supplements are issued, Army Staff agencies and major Army commands will furnish one copy of each to Commander, US Army Materiel Command, ATTN: AMCSF; other commands will furnish one copy of each to the next higher headquarters.*

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**1. Purpose.** This regulation establishes policy and prescribes standard procedures for the selection, training, testing, and licensing of operators of powered or self-propelled equipment identified in paragraph 2a, below. Those items requiring special tests and qualifying procedures for licensing operators are outlined in TB 600-1. (For the purpose of this regulation the terms license and permit are used interchangeably.)

**2. Applicability.** a. Every person operating any of the following equipment must possess an SF 46 (US Government Motor Vehicle Operator's Identification Card).

(1) Electrical Power Generating Equipment—0.5 KW and above (electric motor driven—EMD; diesel engine driven—DED; gasoline driven—GED; and gas turbine driven—GTD sets).

(2) Gas Generating Equipment—All sizes and capacities (oxygen, nitrogen, acetylene, etc.).

(3) Air Compressors—All pressures, 5 CFM and above and high pressures, below 5 CFM (not to include installed automatically controlled units).

(4) Materials Handling Equipment—All sizes and capacities (forklift trucks, warehouse tractors, warehouse cranes, and straddle trucks)

(5) Railroad Equipment—All sizes and capacities (locomotives, locomotive cranes, and motor cars).

(6) Bridge Equipment—All sizes and capacities (bridge boats, mobile assault float bridge ferry, launcher-AVL Bridge, amphibious items—LARC 5, 15, and 60, outboard motors, and propelling units).

(7) Heating and Cooling Equipment—All sizes and capacities (air conditioning and refrigeration units powered by liquid fuel engines; space and duct-type heaters using liquid fuel).

(8) Pumping Equipment—All Pumps 55 GPM and above when powered by a gasoline or diesel engine, or a gas turbine.

(9) Construction Type Equipment—All sizes and capacities (Tractors—wheeled or tracked; cranes—wheeled or tracked; front loaders; motorized or self-propelled scrapers, rollers, sweepers, and earth augers; saw mills; chain saws; snow plows-rotary; ditching machines, rock crushing and screening plants; asphalt

\*This regulation supersedes AR 600-58, 18 May 1970.

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batch plants; concrete mixers and plants; asphalt and concrete spreaders; water and bituminous distributors; hot oil heaters; hydraulic or mechanical vibrating tampers).

(10) Mine Detecting Equipment—all models.

(11) Miscellaneous Equipment—Any equipment determined by the local commander or higher authority to warrant licensing such as powered lawn mowers, agricultural machinery, food preparation equipment, field ranges, immersion heaters, etc.

*b.* Other types of equipment that do not fall within the purview of this regulation include:

(1) Nuclear systems—operators selected, evaluated and retained in accordance with AR 50-5 and trained and licensed in accordance with AR 385-80 and Title 10, Code of Federal Regulations.

(2) Army motor vehicles—operators selected, tested, and licensed in accordance with provisions of AR 600-55 and TM 21-300.

(3) Full track combat vehicles—operators selected, trained, and licensed in accordance with requirements contained in TM 21-301.

**3. Responsibility.** Commanders assigned equipment identified in paragraph 2*a*, are responsible for selecting, training, testing, and licensing operators for this equipment. They will implement procedures contained in TB 600-1 and may impose additional requirements not in conflict with this regulation or TB 600-1 when determined necessary by evaluation of local conditions, civil restrictions, accident experience data, and desired standards of operator performance and preventive maintenance. In addition, procedures and requirements contained in TM 743-200 will be implemented for material handling equipment.

**4. Training.** *a.* Commanders will take advantage of Army Service Schools for training operators of equipment identified in paragraph 2*a* by requesting school quotas in accordance with DA Pam 351-4.

*b.* Commanders without school quotas, having a requirement to license operators of listed mechanical equipment, may request technical assistance to establish training procedures in accordance with AR 700-4.

*c.* Commanders operating unit training will utilize the appropriate TM's to develop the training programs for each type of equipment.

*d.* Administration of tests used in the selection of operators for powered mechanical equipment will be accomplished by competent testing personnel.

**5. Procedures.** *a.* Operator testing and licensing procedures for self-propelled equipment will conform to the requirements contained in AR 600-55 and TB 600-1. Additional procedures for material handling equipment are contained in TM 743-200. The Motor Vehicle Driver Selection Battery I, II, physical evaluation measures, and driver performance tests will be used. Battery I is not required when the individual possesses a valid civilian drivers license.

*b.* Operator testing and licensing procedures for non-self-propelled equipment will conform to the requirements contained in TB 600-1.

*c.* Equipment operators will be required to successfully complete a written evaluation test to substantiate technical knowledge of the equipment for which the license is desired.

*d.* Each applicant will be required to demonstrate in a satisfactory manner his proficiency in the operation of each piece of equipment for which he is to be licensed.

*e.* Procedures for issuing the Standard Form 46 and maintenance of necessary records are contained in paragraph 32, TB 600-1

*f.* The agency issuing licenses will maintain a ledger of all permits issued.

*g.* Qualification of nonself-propelled equipment will be entered in Section I of DA Form 346 (Equipment Operator's Qualification Record (Except Aircraft)).

**6. Renewals, suspensions, and revocations.** *a.* Operator permits are renewable every 3 years, unless otherwise prescribed. Renewal procedures will consist of an examination of the operator's qualification record, physical evaluation, and operating performance.

*b.* Permits may be suspended or revoked for cause at any time. Re-training and re-testing of an operator will be required by the commander when—

(1) Warranted by accident record, training needs, or other causes.

(2) Records are not available to establish proof of operators' successful completion of prescribed tests.



(3) Competency appears to be impaired by physical defects or conditions, or other limitations.

**7. Test stations or teams.** Operator testing stations or teams may be established at installations and within organizations on a permanent, part-time, or temporary basis.

**8. Qualification of examiners.** The effectiveness of the operator testing and licensing program will depend largely upon the qualification of the examiners. The examiners shall possess the following qualifications:

- a. Reliable and responsible individual.
- b. Thoroughly familiar with test administration.
- c. Completely impartial in all examination procedures.
- d. Qualified and licensed operator of the equipment for which the test is being administered, with at least one year of operating experience.

**9. Personnel transfers.** a. Commanders are authorized to re-examine and retest any or all personnel assigned to their commands. Personnel transferred need not have their license revalidated until expiration of the license provided that authorization to operate applicable equipment has not been revoked or suspended for cause. However, the qualifications of each transferee will be reviewed to determine advisability of continuing the permit without re-examination.

b. Personnel transferred from another command will be instructed in local operating procedures prior to assignment to operate equipment for which they are qualified.

c. Issuance of duplicate permits to replace those lost or stolen is authorized. However, verification of the operator's qualifications is required for issuance of a duplicate permit without examination. Duplicate permits will be so marked and any record of previous accidents will be recorded.

The proponent agency of this regulation is the US Army Materiel Command. Users are invited to send comments and suggested improvements on DA Form 2028 (Recommended Changes to Publications and Blank Forms) to Commander, US Army Materiel Command, ATTN: AMCSF-S, 5001 Eisenhower Ave, Alexandria, VA 22333.

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