

MIL-STD-205

23 March 1953

SUPERSEDING

MS 9000

22 MARCH 1951

MILITARY STANDARD

FREQUENCIES FOR ELECTRIC POWER



MIL-STD-205

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**DEPARTMENT OF DEFENSE
DEFENSE SUPPLY MANAGEMENT AGENCY
OFFICE OF STANDARDIZATION
WASHINGTON, D. C.**

23 March 1953

**Frequencies for Electric Power
MIL-STD-205**

1. This standard has been approved by the Departments of the Army, the Navy, and the Air Force, and establishes frequencies for alternating-current electric power.
2. The Office of Standardization approved this standard for printing and inclusion in the MIL series of standards on 23 March 1953.
3. In accordance with established procedure, the Office of Standardization has designated the Corps of Engineers, Bureau of Ships, and Air Force as custodians of this standard.
4. This standard is mandatory for use effective 23 March 1953. Where repeated deviation from the approved Military Standard is granted by a department, a report shall be made to the Office of Standardization by the department with the reasons for deviation.
5. Recommended corrections, additions, or deletions should be addressed to the Chief, Office of Standardization, Washington 25, D. C.

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1. INTRODUCTION

1.1 PURPOSE.—The purpose of this standard is to establish frequencies for alternating-current electric power.

1.2 SCOPE.—This standard covers the requirements for the frequencies of alternating-current electric power to be supplied to power using equipment and the requirements for the utilization of these types of frequencies, except for aircraft.

2. REQUIREMENTS

2.1 NOMINAL FREQUENCIES. — The standard nominal frequencies are:

60 Cycles per second

400 Cycles per second

2.1.1 Frequency tolerance. — Frequency variations shall not exceed plus or minus 5 percent of the nominal value.

2.2 APPLICATION.

2.2.1 New systems. — Alternating-current systems shall deliver power having one of the nominal frequencies listed herein. Using equipment shall give specified performance when provided with power having one of the nominal frequencies listed herein.

2.2.2 Existing systems. — This standard does not apply to new or replacement equipment required to operate on existing systems having frequencies other than those covered by this standard.

Copies of this Military standard may be obtained by directing requests as follows:

For Department of the Army activities, to Chief of the specific activity or as directed by that activity.

For Department of the Army contractors, to the Contracting Officer.

For Department of the Navy activities, to the Commanding Officer, Naval Supply Depot, Scotia 2, N. Y.

For Department of the Navy contractors, to the Bureau of Supplies and Accounts, Washington 25, D. C.

For the Marine Corps, to the Quartermaster General, Headquarters, U. S. Marine Corps, Washington 25, D. C.

For the Department of the Air Force activities and Air Force contractors, to the Commanding General, Wright Air Development Center, Wright-Patterson Air Base, Ohio.

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