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- ⁴³ *Electrical Engineer's Handbook*, by Harold Pender and Knox McIlvaine (John Wiley and Sons, New York).
- ⁴⁴ *Elements of Acoustical Engineering*, by Harry F. Olson (D. Van Nostrand Co., New York).
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CHAPTER 51

CODES AND STANDARDS

THE Codes and Standards listed in Table 1 represent accepted practice, methods, or standards prepared and accepted by the organizations indicated. They are valuable guides for the practicing engineer in determining test methods, ratings, performance requirements, and limits applying to equipment used in heating, ventilating, and air conditioning. Copies can usually be obtained from the organization listed in the reference column.

TABLE 1. CODES AND STANDARDS PREPARED AND ACCEPTED BY VARIOUS SOCIETIES AND ASSOCIATIONS

SUBJECT	TITLE	SPONSOR	REFERENCE
Acoustics (Terminology)	American Standard Acoustical Terminology (Proposed).	AS of A	ASA Z24.1
Air Conditioning	Code of Minimum Requirements for Comfort Air Conditioning (1938).	ASHVE ASRE	ASHVE
Air Conditioning (120,000 Btu/Hr or less)	Code and Manual for the Design and Installation of Warm Air Winter Air Conditioning Systems (1945).	NWAA & ACA	NWAA & ACA Manual No. 7 3rd Edition
Air Conditioning (Above 120,000 Btu/hr)	The Technical Code for the Design and Installation of Mechanical Warm Air Heating Systems (1948).	NWAA & ACA	NWAA & ACA Manual No. 9 4th Edition
Air Conditioning	Standards of the NBPU for the Installation of Air Conditioning, Warm Air Heating, Air Cooling and Ventilating Systems.	NFPA NBPU	NBPU Pamphlet No. 90 Feb. 1950
Air Conditioning (Equipment)	ASRE Standard Methods of Rating and Testing Air Conditioning Equipment (1942).	ASRE ASHVE NEMA RMA ACMA	ASRE Circular No. 13-42
Air Conditioning (Equipment)	ASRE Standard Methods of Rating and Testing Air Conditioners (1949). (Supersedes ASRE Circular 13-42)	ASRE	ASRE Standard 16-53
Airplane	Aeronautical Recommended Practice for Heating and Ventilating Airplanes (1943).	SAE	SAE ARP 85
Airplane	Aeronautical Recommended Practice for Internal Combustion Type Airplane Heaters (1945).	SAE	SAE ARP 143A
Attic Ventilation	Residence Ventilation Guide (1950).	PFMA	PFMA
Boilers	I=B=R Testing and Rating Code for Low Pressure Heating Boilers (1950).	IBR	IBR
Boilers	Net Load Recommendations for Heating Boilers. Publ. semi-annually.	HP & ACCNA	HP & ACCNA
Boilers	Net Square Feet Radiation Loads in 70 Deg Fahr. Recommended for Low Pressure Heating Boilers (1948).	HP & ACCNA	HP & ACCNA
Boilers	Standard and Short Form Heat Balance Codes for Testing Low Pressure Steam Heating Solid Fuel Boilers (Codes 1 and 2) (1929).	ASHVE	ASHVE
Boilers	ASHVE Performance Test Code for Steam Heating Solid Fuel Boilers (Code No. 3) (1929).	ASHVE	ASHVE
Boilers	ASHVE Standard Code for Rating Steam Heating Solid Fuel Hand Fired Boilers (Revised April 1930).	ASHVE	ASHVE