

TABLE 1. CODES AND STANDARDS—(Continued)

| SUBJECT                           | TITLE                                                                                                                                                                                                                       | SPONSOR                         | REFERENCE                              |
|-----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|----------------------------------------|
| Exhaust Systems                   | Tentative Code of Recommended Practices for Testing and Measuring Air Flow in Exhaust Systems (1937).                                                                                                                       | APA                             | APA Preprint 38-27                     |
| Exhaust Systems                   | Tentative Recommended Good Practice Code and Handbook on the Fundamentals of Design, Construction, Operation and Maintenance of Exhaust Systems.                                                                            | APA                             | APA                                    |
| Exhaust Systems                   | Standards for Blower and Exhaust Systems (1949).                                                                                                                                                                            | NFPA                            | NFPA or NBPV No. 91                    |
| Exhaust Systems (Open Tanks)      | American Standard Safety Code for Ventilation and Operation of Open-Surface Tanks (1951).                                                                                                                                   | AIHA<br>A.S.H.V.E.<br>NAFM      | ASA<br>Z9.1-1951                       |
| Fans                              | Definitions and Terms in Use by the Blower Industry (1950) (Was NAFM Bulletin No. 105).                                                                                                                                     | NAFM                            | NAFM Bulletin No. 110                  |
| Fans                              | Standard Test Code for Testing Centrifugal and Axial Fans (1950) (Was NAFM Bulletin No. 103).                                                                                                                               | NAFM*<br>ASHVE                  | NAFM Bulletin No. 110                  |
| Fans                              | Standard Code for Testing Centrifugal, Axial, and Propeller Fans. (Having Wheels Less Than 12-in. Diam). 1953.                                                                                                              | NAFM                            | NAFM Bulletin No. 110                  |
| Fans                              | Standards, Definitions, Terms and Test Codes for Centrifugal, Axial and Propeller Fans.                                                                                                                                     | NAFM<br>ASHVE**                 | NAFM Bulletin 110<br>2nd Edition, 1952 |
| Fans                              | Standards for Fans (1947).                                                                                                                                                                                                  | NEMA                            | NEMA Publ. 47-128                      |
| Fans                              | Test Code for Fans (1946).                                                                                                                                                                                                  | ASME                            | ASME PTC 11-1946                       |
| Fans                              | Testing and Rating Ventilating Fans (Axial and Propeller Type).                                                                                                                                                             | CSD                             | CSD                                    |
| Fire Prevention                   | National Fire Codes (1954).                                                                                                                                                                                                 | NFPA                            | NFPA                                   |
|                                   | Vol. I—Flammable Liquids and Gases, Vol. II—Combustible Solids, Dusts, Chemicals, and Explosives, Vol. III—Building Construction and Equipment, Vol. IV—Extinguishing Equipment, Vol. V—Electrical, Vol. VI—Transportation. |                                 |                                        |
| Furnaces (Duct)                   | American Standard Approval Requirements for Gas-Fired Duct Furnaces (1942 with 1954 Addenda).                                                                                                                               | A.G.A.                          | ASA<br>Z21.34-1950                     |
| Furnaces (Gas)                    | American Standard Approval Requirements for Central Heating Gas Appliances Vol. II, Gravity and Forced Air Central Furnaces (1951 with 1952 and 1954 Addenda).                                                              | A.G.A.                          | ASA<br>Z21.13.2<br>1951                |
| Furnaces (Forced Air, Solid-Fuel) | Commercial Standard for Solid-Fuel-Burning Forced Air Furnaces (1944).                                                                                                                                                      | PHA<br>N.W.A.H. & A.C.A.<br>AIA | BS<br>CS109-44                         |
| Furnaces (Oil-Fired)              | Commercial Standard for Warm Air Furnaces Equipped with Vaporizing Type Oil Burners (1949).                                                                                                                                 | Mfrs.<br>BS                     | BS<br>CS104-49                         |
| Furnaces (Oil-Fired)              | Recommended Commercial Standard for Warm Air Furnaces Equipped with Pressure Atomizing or Rotary Type Oil Burners.                                                                                                          | BS<br>NWAH & ACA                | BS<br>TS-5107                          |
| Furnaces (Oil)                    | Commercial Standard for Oil Burning Floor Furnaces Equipped with Vaporizing Type Burners (1951).                                                                                                                            | BS<br>OPA                       | BS<br>CS113-51                         |
| Furnaces (Oil)                    | A Tentative Code for Testing Oil-Fired Furnaces.                                                                                                                                                                            | NWAH & ACA                      | NWAH & ACA                             |

\* Also endorsed by PFMA.

\*\* Refers to Test Code for Centrifugal and Axial Fans.

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| SUBJECT                         | TITLE                                                                                                                                                                                                                                                                                                                                                                                   | SPONSOR      | REFERENCE                                                                                                                                                                                                                                                    |
|---------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Garage Ventilation              | Recommended Good Practice Requirements for the Construction and Protection of Garages (1932, Reprint 1952)                                                                                                                                                                                                                                                                              | NFPA<br>NBPV | NFPA or NBPV Pamphlet No. 88                                                                                                                                                                                                                                 |
| Garages                         | Code of Minimum Requirements for Heating and Ventilating Garages (1935).                                                                                                                                                                                                                                                                                                                | ASHVE        | ASHAE                                                                                                                                                                                                                                                        |
| Gas Equipment (Large Boilers)   | American Standard Requirements for Installation of Gas Equipment in Large Boilers.                                                                                                                                                                                                                                                                                                      | A.G.A.       | ASA<br>Z21.33-1950                                                                                                                                                                                                                                           |
| Gases (Toxic) and Dust          | American Standard Allowable Concentration of Harmful Gases:<br>Carbon Monoxide<br>Hydrogen Sulfide<br>Carbon Di-sulfide<br>Benzene<br><br>Manganese<br>Chromic Acid and Chromates<br>Mercury<br><br>Xylene<br><br>Lead and Certain Inorganic Lead Compounds<br>Toluene<br>Oxides of Nitrogen<br>Methanol<br><br>Styrene-Monomer<br>Formaldehyde<br>Methyl Chloride<br>Trichloroethylene | ASA          | ASA<br><br>Z37.1-1941<br>Z37.2-1941<br>Z37.3-1941<br>Z37.4-1941<br><br>Z37.6-1948<br>Z37.7-1943<br>Z37.8-1943<br><br>Z37.10-1948<br>Z37.11-1943<br>Z37.12-1943<br>Z37.13-1944<br>Z37.14-1944<br><br>Z37.15-1944<br>Z37.16-1944<br>Z37.18-1949<br>Z37.19-1946 |
| Heat Transfer (Walls)           | Thermal Conductance and Transmittance of Built-up Sections by Means of Guarded Hot Box (1949).                                                                                                                                                                                                                                                                                          | ASTM         | ASTM<br>C-236-49 T                                                                                                                                                                                                                                           |
| Heaters (Recessed Gas Fired)    | American Standard Approval Requirements for Central Heating Gas Appliances, Vol. IV Gravity and Fan Type Vented Recessed Heaters (1953 with 1954 Addenda).                                                                                                                                                                                                                              | A.G.A.       | ASA<br>Z21.13.4                                                                                                                                                                                                                                              |
| Heaters (Room Gas Fired)        | American Standard Approval Requirements for Gas-Fired Room Heaters (formerly called Space Heaters) (1949 with Addenda 1950 and 1953).                                                                                                                                                                                                                                                   | A.G.A.       | ASA<br>Z21.11-1949                                                                                                                                                                                                                                           |
| Homes (Prefabricated)           | Commercial Standard for Prefabricated Homes.                                                                                                                                                                                                                                                                                                                                            | PHMI<br>BS   | BS<br>CS125-47                                                                                                                                                                                                                                               |
| Mineral Wool                    | Commercial Standard for Mineral Wool Insulation for Heated Industrial Equipment (1949).                                                                                                                                                                                                                                                                                                 | BS<br>IMWI   | BS<br>CS117-49                                                                                                                                                                                                                                               |
| Mineral Wool                    | Commercial Standard for Mineral Wool Insulation for Low Temperature Installations (1948).                                                                                                                                                                                                                                                                                               | BS<br>IMWI   | BS<br>CS105-48                                                                                                                                                                                                                                               |
| Mineral Wool                    | Recommended Commercial Standard for Industrial Mineral Wool Products—All Types—Testing and Reporting (1946).                                                                                                                                                                                                                                                                            | IMWI<br>BS   | BS<br>CS131-46                                                                                                                                                                                                                                               |
| Motors                          | Nema Motor and Generator Standards (June 1945).                                                                                                                                                                                                                                                                                                                                         | NEMA         | NEMA<br>45-102                                                                                                                                                                                                                                               |
| Motors                          | Test Code for Single-Phase Motors (1941).                                                                                                                                                                                                                                                                                                                                               | AIEE         | AIEE<br>Report 502                                                                                                                                                                                                                                           |
| Panel System (Warm Air)         | Code and Manual for the Design and Installation of Warm Air Ceiling Panel Systems.                                                                                                                                                                                                                                                                                                      | NWAH & ACA   | NWAH & ACA<br>Manual No. 7-A                                                                                                                                                                                                                                 |
| Perimeter (Warm Air Small Pipe) | Small Pipe Warm Air Perimeter Heating.                                                                                                                                                                                                                                                                                                                                                  | NWAH & ACA   | NWAH & ACA<br>Manual No. 10<br>(Tentative)                                                                                                                                                                                                                   |
| Perimeter (Warm Air)            | Warm Air Perimeter Heating (1953, 3rd Edition).                                                                                                                                                                                                                                                                                                                                         | NWAH & ACA   | NWAH & ACA<br>Manual No. 4                                                                                                                                                                                                                                   |