

SECTION 01080
APPLICABLE CODES AND STANDARDS

1.01 GENERAL

A. All materials, equipment, fabrication, and installation practices shall comply with the following applicable codes and standards, except in those cases where the Contractor's quality standards establish more stringent quality requirements, as determined by the Engineer.

1. Pressure Piping and Tubing
ANSI (American National Standards Institute)
API (American Petroleum Institute)
ASME (American Society of Mechanical Engineers)
AWWA (American Water Works Association)
NSF (National Sanitation Foundation)

2. Materials
AASHTO (American Association of State Highway and
Transportation Officials)
ANSI (American National Standards Institute)
ASTM (American Society for Testing and Materials)

3. Painting and Surface Preparation
NACE (National Association of Corrosion Engineers)
SSPC (Steel Structures Painting Council)

4. Gear Reducers and Bearings
AFBMA (Anti-Friction Bearing Manufacturers Association)
AGMA (American Gear Manufacturers Association)

5. Ventilating Fans
AMCA (Air Moving and Conditioning Association)
PFMA (Power Fan Manufacturer Association)

6. Electrical and Instrumentation
EIA (Electronic Industries Association)
IEEE (Institute of Electronic Electrical Engineers)
IPC (Institute of Printed Circuits)
IPCEA (Insulated Power Cable Engineers Association)
ISA (Instrument Society of America)
NEMA (National Electrical Manufacturers Association)
NFPA (National Fire Protection Association)
UL (Underwriter's Laboratories)

7. Aluminum Structures
AA (Aluminum Association)
AAMA (Architectural Aluminum Manufacturer's Association)

8. Steel Structures
AISC (American Institute of Steel Construction)
9. Concrete Structures
ACI (American Concrete Institute)
10. Welding
ASME (American Society of Mechanical Engineers)
AWS (American Welding Society)
11. Safety
OSHA (Occupational Safety and Health Administration)
MUTCD (Manual on Uniform Traffic Control Devices)
12. General Building Construction
FM (Factory Mutual Fire Insurance Company)
NFPA (National Fire Protection Association)
SBC (Southern Building Code)
13. Subgrades and Pavement
SSRBC (Standard Specifications for Road and Bridge
Construction, Tennessee Department of Transportation)
14. Ductwork and Sheet Metal Work
SMACNA (Sheet Metal and Air Conditioning Contractors
National Association)
15. Plumbing
AGA (American Gas Association)
NSF (National Sanitation Foundation)
PDI (Plumbing Drainage Institute)
SPC (SBCC Standard Plumbing Code)
16. Refrigerating, Heating, and Air Conditioning
ARI (American Refrigeration Institute)
ASHRAE (American Society of Heating, Refrigeration, and
Air Conditioning Engineers)
17. Pressure Vessels
ASME (American Society of Mechanical ENGINEERS)

In addition, all work shall comply with the applicable requirements of local codes, utilities, and other authorities having jurisdiction.

- B. All material and equipment, for which a UL Standard, an AGA approval, or an ASME requirement is established, shall be so approved and labeled or stamped. Label or stamp shall be conspicuous and not covered, painted, or otherwise obscured from visual inspection.

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