

PART 1 – GENERAL

The Mechanical System Standards are based upon requirements of the latest adopted edition of all applicable standards, codes, regulations, and ordinances including, but not limited to, the standards, codes, regulations and ordinances set forth below.

1.01 STANDARDS, CODES AND REGULATIONS

A. Related Standards (Port of Seattle - SeaTac International Airport):

1. Water and Sanitary Waste Systems Standards
2. Restroom Design Standards
3. Architectural Design Standards
4. A/E Design Submittal Requirements
5. Industrial Waste System (IWS)/Storm Drainage System (SDS) Standards
6. Electrical System Standards
7. Direct Digital Controls (DDC) System Standards
8. CAD and AFUS Standards

B. Codes:

1. International Building Code (IBC)
2. International Mechanical Code (IMC)
3. Uniform Plumbing Code (UPC)
4. Uniform Fire Code (UFC)
5. National Fire Code (NFPA)
6. Washington State Energy Code (WSEC WAC 51-11)
7. Washington State Ventilation and Indoor Air Quality Code (WAC 51-13)
8. Washington State Boilers and Unfired pressure Vessels Law (WAC 296-104)
9. American National Standard Code for Pressure Piping, ANSI B31.1

C. Regulations, Ordinances and References:

1. Building Officials and Code Administrators International (BOCA)
2. National Fire Protection Association (NFPA)
3. National Electrical Manufacturers Association (NEMA)
4. Underwriter's Laboratories (UL)

GENERAL PROVISIONS
STANDARDS CODES AND REGULATIONS

5. Electrical Testing Laboratories, Inc. (ETL)
6. Washington Industrial Safety and Health Act (WISHA)
7. Occupational Safety and Health Administration (OSHA)
8. Washington State Department of Transportation (WSDOT)
9. Washington State Department of Ecology (WSDOE)
10. State of Washington Department of Health Rules and Regulations
11. Port of Seattle Water District
12. Port of Seattle Fire Department
13. Puget Sound Air Pollution Control Agency (PSAPCA)
14. Environmental Protection Agency (EPA)
15. Federal Aviation Administration (FAA)
16. State of Washington Boiler and Unfired Pressure Vessel Laws
17. Americans with Disabilities Act (ADA)
18. American Society of Heating and Air-Conditioning Engineers, Inc. (ASHRAE)
19. American Boiler Manufacturer Association (ABMA)
20. American Gas Association (AGA)
21. Associated Air Balance Council (AABC)
22. National Environmental Balancing Bureau (NEBB)
23. Air Movement and Control Association (AMCA)
24. American National Standards Institute (ANSI)
25. Air-Conditioning and Refrigeration Institute (ARI)
26. American Society of Mechanical Engineers (ASME)
27. American Society of Testing and Materials (ASTM)
28. American Water Works Association (AWWA)
29. Manufacturer's Standardization Society (MSS)
30. Canadian Standard Association (CSA)
31. Cooling Tower Institute (CTI)
32. Cast Iron Soil Pipe Institute (CISPI)
33. Expansion Joint Manufacturers Association (EJMA)
34. International Code Council (ICC)

GENERAL PROVISIONS
STANDARDS CODES AND REGULATIONS

35. International Association of Plumbing and Mechanical Officials (IAPMO)
36. National Environmental Balancing Bureau (NEBB)
37. Sheet Metal and Air Conditioning Contractors' National Association (SMACNA)
38. Washington State Department of Labor and Industries, Boiler/Pressure Vessel Installation or Reinstallation

END OF SECTION