

**DEPARTMENT OF VETERANS AFFAIRS
CRITERIA FOR VA FACILITIES
OUTPATIENT HEALTH ANNEX
CHARLESTON, SC**

VA ADOPTED CODES, STANDARDS, AND EXECUTIVE ORDERS

The Public Buildings Amendment Act of 1988, Public Law (Pub. L.) 100-678 requires Federal agencies to follow national recognized "model" building codes. The Federal Participation in the Development and Use of Voluntary Standards, Office of Management and Budget (OMB) Circular A-119, requires all executive agencies to rely on voluntary standards, both domestic and international, whenever feasible, and to participate in voluntary standard bodies. As a Federal agency, VA is required to comply with Executive Orders.

VA has adopted the following codes and standards as a minimum for all projects performed in the modernization, alteration, addition, or improvement of its real property and the construction of new structures.

CODES / STANDARDS	EDITION
AIA/FGI (American Institute of Architects/Facility Guidelines Institute): Guidelines for Design and Construction of Healthcare Facilities	2006
ANSI/ASHRAE Standard 62.1 – Ventilation for Acceptable Indoor Air Quality	2007 (subject to revision)
ANSI/ASHRAE Standard 90.1 – Energy Standard for Buildings except Low-Rise Residential Buildings (Use ASHRAE Standard 90.1 – 2004 for computing energy benchmark.)	2007 (subject to revision)
ANSI/ASHRAE Standard 15 – Safety Standard for Refrigeration Systems	(subject to revision)
ANSI/ASHRAE Standard 170 – Ventilation of Healthcare Facilities	2008
Architectural Barriers Act Accessibility Standards (ABAAS, 36 CFR Part 1191)	2004
ASHRAE Handbook of Fundamentals	2005
ASHRAE Handbook of Refrigeration	2006
ASHRAE Handbook of Applications	2007
ASHRAE Handbook of Systems and Equipment	2008
ASME Boiler and Pressure Vessel Code	2007
ASME Code for Pressure Piping	2004
ASPE Data Book, Volume 1: Fundamentals of Plumbing Engineering	2004
ASPE Data Book, Volume 2: Plumbing Systems	2004
ASPE Data Book, Volume 3: Special Plumbing Systems	2004
Building Code Requirements for Reinforced Concrete, American Concrete Institute and Commentary (ACI 318)	2008
International Building Code (IBC), with the exception of Chapter 10, unless locally adopted	2009
International Energy Conservation Code (IECC)	2009
International Fuel Gas Code (IFGC)	2009
International Mechanical Code	2006
International Plumbing Code (IPC)	2009
Manual of Steel Construction, Load and Resistance Factor Design Specifications for Structural Steel Buildings, American Institute of Steel Construction (AISC)	2005
NFPA 101 – Life Safety Code	2009

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CODES / STANDARDS	EDITION
All Remaining NFPA National Fire Codes with the exception of NFPA 5000 and NFPA 900	Current as published in May 2009
National Standard Plumbing Code (NSPC)	2006
Occupational Safety & Health Administration (OSHA) Standards (Healthcare)	2004
Safety Code for Elevators and Escalators, American Society of Mechanical Engineers (ASME) A 17.1	2007
Safety Standard for Refrigeration Systems – ASHRAE Standard 15	2007
SMACNA – HVAC Duct Construction Standards: Metal & Flexible	2005, 3 rd Edition
SMACNA – HVAC Air Duct Leakage Test Manual	1985
VA Barrier Free Design Guide, PG-18-13	2007
US Pharmacopeia (USP) Revised General Chapter <797> Pharmaceutical Compounding-Sterile Preparations	2008
VA Physical Security Design Manual – Life-Safety Protected	2007
VA Seismic Design Requirements, H-18-8	2008
VHA National CAD Standard Application Guide	2006