**Scope:** The specific regulations, codes and standards referenced in these Standards should not be considered as a complete listing of all requirements. Other authoritative guidelines should be referenced by the AE and applied consistent with good practice to achieve the required institutional quality. All new construction and remodeling work at the U of I must comply with the following requirements.

**Definitions:** Following are working definitions of the terms “regulations”, “codes” and “standards” as used within the University of Illinois at Urbana-Champaign Facilities Standards.

1. **Regulations:** Regulations are rules or statutory requirements of government agencies such as the Federal Government, the State of Illinois and the University of Illinois.

2. **Codes:** Codes are sets of rules and guidelines for design, prepared by a designated governmental and/or professional group, which are intended to protect public safety and welfare. Some Standards are recognized as Codes.

3. **Standards:** Standards are requirements set by authorities, custom or general consent and established as criteria by the U of I.

4. **Authority Having Jurisdiction (AHJ):** The U of I is the AHJ on Code interpretation. The Associate Director for Code Compliance and Fire Safety serves as the AHJ for the Urbana campus.

**Regulations, Federally Mandated:**

- **Americans with Disabilities Act (ADA)**
- **DHHS:**
  - Title V: Handicapped Accessibility
  - Title IX: Regulations Prohibiting Sex Discrimination in Education
- **EPA:**
  - 40 C.F.R. Chapter I: Protection of the Environment
  - 40 C.F.R. 61 Subpart M: Asbestos NESHAP
  - 40 C.F.R. 763 Subpart E: AHERA Asbestos in Schools
  - 40 C.F.R. 745: Lead-Based Paint Poisoning Prevention in Certain Residential Structures
- **OSHA:**
  - 29 C.F.R. 1926: Construction Industry
  - 29 C.F.R. 1910: General Industry
- **SHPO:**
  - National Historic Preservation Act of 1966, as amended
- **USDOT:**
  - 49 C.F.R. Parts 100-185: HAZMAT
- **HUD:**
  - 24 C.F.R. 35: Lead-Based Paint Poisoning Prevention in Certain Residential Structures

**Regulations, State Mandated:**

- **IAG:**
  - Illinois Steel Products Procurement Act, as amended (Illinois Revised Statutes, Ch. 30 ILC S 565, 1 - 7)
- **IDOL:**
  - Safety Glazing Materials Act, as amended, with interpretive statement (Illinois Revised Statutes, Ch. 111 ½, par. 3101 et. seq.)
  - Ramp at All New or Reconstructed Curbs for Persons Using Wheelchairs (Illinois Revised Statutes, Ch. 24) (Illinois Municipal Code, sec. 11-80-11, Public Act 78-322, as amended)
  - Environmental Barriers Act, as amended (Illinois Revised Statutes, Ch. 111 ½, par. 3701 et. seq.) (Coordinate with Illinois Accessibility Code.)
- **IDPH:**
  - Illinois State Plumbing Code
  - Cir. 19.000, Retail Food Store Sanitation
Cir. 19.001, Food Service Sanitation
Cir. 4.102, Minimum Sanitary
Requirements for Design and Operation
of Swimming Pools and Bathing Beaches
Lead Poisoning Prevention Act
Rules and Regulations for Recreation
Areas
Hospital Licensing Act and Requirements
Ambulatory Surgical Treatment Centers,
Revised Rules, Regulations and
Standards
Clinical Laboratories and Blood Banks,
Rules and Regulations
Illinois Asbestos Abatement Act (Illinois
Revised Statutes, Ch. 122, par. 1401 et.
seq.) Rules and Regulations for the
Asbestos Abatement Act - Title 77, Ch. I,
subCh. p., part 855
Lead Poisoning Prevention Act, as
amended (Illinois Revised Statutes, Ch.
111 ½, par. 1301 et. seq.) (For dwellings
or dwelling units, as defined.)

IEPA:
Illinois Environmental Protection Act 415
ILCS 5
Illinois Recommended Standards for
Sewage Work

IHPA:
Illinois State Agency Historic Resources
Preservation Act (20 ILCS 3420/1 et.
seq.) Rules for the Review of State Agency
Undertakings (ILAC, Title 17, Chapter VI,
Part 4180)

ILCS:
Elevator safety and Regulation Act [225
ILCS 312/35]

OSFM:
Gasoline and Volatile Oils (Illinois
Revised Statutes, Ch. 17 1/2, par. 31 et
seq.)
Liquefied Petroleum Gases (Illinois
Revised Statutes, Ch. 104, par. 119 et
seq.)
Liquefied Petroleum Gas Containers
(Illinois Revised Statutes, Ch. 104, par.
113 et seq.)
Boiler and Pressure Vessel Safety Act
and Rules and Regulations (Illinois
Revised Statutes, Ch. 127 1/2, par. 151
et seq.)
Tactile identification on Certain Elevators
(Illinois Revised Statutes, Ch. 111 1/2, par.
3901 et seq.)
Installation of Elevators (Illinois Revised
Statutes, Ch. 111 1/2 par. 4001 et seq.)
Illinois Rules and Regulations for Fire
Prevention and Safety, as amended
through 9 III. Reg. 10009 and as re-
codified (Adopts the 2000 edition of

IDRE:
Illinois Roofing Industry Licensing Act, as
amended (Illinois Revised Statutes, Ch.
111, par. 7501 et. seq.)

Life Cycle Cost Analysis (CDB Design
and Construction Manual, 2009)

Clean Water Act (State of Illinois)

Codes:

ANSI/ASME:
Standard 17.1, Safety Code for Elevators
and Escalators, 2007/CSA B44-07 and
Performance-Based Safety Code for
Elevators and Escalators (ASME A17.1-
2007/CSA B44.7-07
Standard 17.3-2008, Safety Code for
Existing Elevators and Escalators
ASME A17.2-2007 Guide for Inspection
of Elevators, Escalators and Moving
Walks
ASME A18.1-2008 Safety Standard for
Platform Lifts and Stairway Chairlifts
ASME QEI-1-2007 Standard for the
Qualification of Elevator Inspectors
Standard B31.4-95 Boiler and Pressure
Vessels Code

ASCE:
Parts 2-4 2008

CDB:
Illinois Accessibility Code, April 24, 1997
Edition

Building Codes:
International Building Code, 2006
International Mechanical Code, 2006, except Section 510
International Fire Prevention Code 2006
International Energy Code, 2009
International Plumbing Code, 2006 (Chapter 11 only)
Illinois Plumbing Code 2005
National Electric Code 2008

NFPA:

Standards:

AAADM:
American Association of Automatic Door Manufacturers

AAN:
American Association of Nurserymen.

AAMA:

ACGIH:
Industrial Ventilation

ACI:
Manual of Concrete Practice
Standard 318-2005, Building Code Requirements for Structural Concrete

AGCI/ISPE:
Standard Specifications for Water and Sewer Main Construction in Illinois

AMCA 500 Test Method for Louvers, Dampers and Shutters

ANSI:
Standard Z358.1, 2004 Emergency Eyewash and Shower Equipment
ANSI/AIHA American National Standard for Laboratory Ventilation, ANSI Z 9.5


ANSI/SDI A250.8-2003 (R2008) Recommended Specifications for Standards Steel Doors and Frames

ANSI/TIA-569B Commercial Building Standard for Telecommunications Pathways and Spaces

ANSI/AS 12.60-2002; Acoustical Performance Criteria, Design Requirements, and Guidelines for Schools

ANSI/ASHRAE:
Standard 15, Safety Code for Mechanical Refrigeration
Standard 55, Thermal Environmental Conditions for Human Occupancy
Standard 62, Ventilation for Acceptable Indoor Air Quality

ANSI/NFPA 90A Installation of Air Conditioning and Ventilating Systems

ARI 890 – Rating of Air Diffusers and Air Diffuser Assemblies

ASCE:
Standard 7-05, Minimum Design Loads for Buildings and Other Structures

ASHRAE:
Standard 52.2, Method of Testing General Ventilation Air-Cleaning Devices
ASHRAE 70 Method of Testing for Rating the Air Flow Performance of Outlets and Inlets

AWWA:
Water and Sewer Main Construction

CPSC:
Architectural Glazing Materials (partially pre-empts Illinois Safety Materials Glazing Act, must coordinate)
IDOT:

Standard Specifications for Road and Bridge Construction
Manual of Uniform Traffic Control Devices for Streets and Highways

IHPA:

Illinois Historic American Buildings Survey/Historic American Engineering Record Standards & Guidelines
Illinois Historic Preservation Agency Guidelines for Performing Archaeological Surveys
National Register of Historic Places Criteria for Evaluation
Secretary of Interior’s Standards & Guidelines for Archaeology and Historic Preservation
Secretary of Interior’s Standards for Treatment of Historic Properties & Guidelines for Preserving, Rehabilitating, Restoring and Reconstructing Historic Buildings

NIH:

Guide for the Care & Use of Laboratory Animals

NRC:

Prudent Practices in the Laboratory

OSHA:

29CFR 1920.151 Medical Services and First Aid

SMACNA 1035 - HVAC Duct Construction Standards - Metal and Flexible

The University of Illinois at Urbana-Champaign:

Facilities and Services Standards for Design and Construction