INTRODUCTION

The University of Michigan is a State of Michigan constitutional corporation, governed by a Board of Regents elected by the People of the State of Michigan and has a great deal of regulatory autonomy. It is exempt from local building and zoning ordinances and subject to State of Michigan laws and regulations that are clearly intended to apply to universities. In lieu of local building ordinances and State of Michigan laws and regulations that do not apply at the University, the University chooses to require that new construction adhere to a number of well-established building codes and standards, as listed in this Section.

Regardless of origin or enforcing agency, all of the applicable building codes and standards listed and codes and standards referenced within the codes listed below are to be followed. Note, for instance, that compliance with the State of Michigan Bureau of Fire Safety rules for schools and/or dormitories does not eliminate the need to also comply with the Michigan Building Code, and that compliance with the 2010 Americans with Disabilities Act does not eliminate the need to comply with the barrier free provisions of the Michigan Building Code. Additional codes may apply for particular situations, such as for Medical Center construction; these are to be considered on the case-to-case basis. Many times adherence to narrow scope codes and/or standards is required by the general codes listed below.

New editions of building codes are published from time to time. For each project, the edition of building codes cited in this section form which the University of Michigan is listed as the “Enforcing Agency” is to be as follows:

The edition of building codes is to be as listed in this section as of the beginning of the design development phase of a project unless construction documents are submitted to the University for final review more than a year after adoption of the new version of the code. If more than one year has transpired between adoption of the new code and submission of construction documents to the University for final review, the edition of the building codes listed in this section as of submission of construction documents applies.

The University employs building inspectors, who are the authority having jurisdiction on all University property. Refer to each code diction for authority having jurisdiction contact information.
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Building Codes for University of Michigan


By local rule, the following exceptions/modifications are applied to the Michigan Building Code article 717.5.3, article 907.5.2.3.3, and article 1010.1.9.11:

Article 717.5.3 add exception number 6:

Exception 6. In other than I or H occupancies or Michigan Medicine owned and/or occupied facilities, when equipped throughout with an automatic sprinkler system in accordance with Section 903.3.1.1, smoke dampers are not required at shaft enclosures unless specifically required by other sections of the code. Instead, provide smoke dampers at locations and to function as prescribed in the 2012 edition of NFPA 90A - 'Standard for the Installation of Air-Conditioning and Ventilating Systems’.

Article 907.5.2.3.3 Group R-2 reference the following interpretation of the use of the word "capability":

In the sentence "all dwelling units and sleeping units shall be provided with the capability to support visible alarm notification appliances…". Capability of the fire alarm system shall be addressed by the spare capacity already required in all U of M fire alarm circuits and fire alarm panels. This spare capacity in the circuits (raceways, and installed conduit), shall be available immediately after the fire alarm system is commissioned. The spare capacity at the panel, may be in the form of power supplies sized for the expansion, and/or in the form of sufficient (spare) mounting space in the panel for the additionally needed power supplies. Refer to U of M Design Guideline and master specifications for spare capacity requirements.

Article 1010.1.9.11 add the following:

Exception 6. In existing buildings, selected doors on stair enclosures shall be permitted to be equipped with hardware that prevents reentry into the interior of the building, provided that egress is maintained and:

(a) There are at least two levels where it is possible to leave the stair enclosure; and
(b) There are not more than four stories intervening between stories where it is possible to leave the stair enclosure; and
(c) Reentry is possible on the top or next to top story permitting access to another exit; and
(d) Doors permitting reentry are identified as such on the stair side of the door; and
(e) Doors not permitting reentry shall be provided with a sign on the stair side indicating the location of the nearest door, in each direction of travel, permitting reentry or exit.
(f) Doors that prevent reentry from the stair must be capable of being unlocked simultaneously without unlatching upon a signal from the fire command center, if present, or a signal by emergency personnel from a single location inside the main entrance to the building.

Chapter 32 Encroachments into the Public Right of Way: Within the public right of way adhere to City of Ann Arbor standards and specifications refer to the following web site for requirements:

http://www.a2gov.org/departments/engineering/Pages/Right-Of-Way-and-Lane-Closure-Permits.aspx
The following regulations take precedence over conflicting requirements in the Michigan Building Code:


“NFPA 13 2013 -- Sprinkler Systems”.

“NFPA 45 2011-- Fire Protection for Laboratories Using Chemicals”.


“Guide for Care and Use of Laboratory Animals” promulgated by US Department of Health & Human Services”.

Enforcing Agency —
University of Michigan Architecture, Engineering and Construction.


Enforcing Agency —
University of Michigan Architecture, Engineering and Construction.

ADA Standards for Accessible Design 2010 (adopted March 9, 2011) As required to comply with Section 504 of US Rehabilitation Act of 1973 Title II of Americans with Disabilities Act of 1990 and updated September 15, 2010. Also note that the University maintains a space-by-space database of non-compliance. Contact Architecture, Engineering and Construction for database information. Notice of corrections are to be reported to Architecture, Engineering and Construction for the purpose of updating the database.

State and local government facilities must follow the requirements of the 2010 Standards, including both the Title II regulations at 28 CFR 35.151; and the 2004 ADAAG at 36 CFR part 1191, appendices B and D. In the few places where requirements between the two differ, the requirements of 28 CFR 35.151 prevail.

Enforcing Agency —
All federal agencies (on complaint basis) for U.S. Rehabilitation Act of 1973, U.S. Department of Justice and Architectural and Transportation Barriers Compliance Board (on complaint basis) for Americans with Disabilities Act.


For assistance in determining which projects are subject to plan review and inspection, and BFS fire alarm and fire suppression shop drawing review and inspection, MM FPD has developed a flowchart available at [BFS Flowchart](#). This flowchart has been reviewed by BFS, however it is not intended to replace professional judgment. Jurisdiction should be verified with BFS directly when it is not clear. Affirm decisions with MM Design Manager.

**Enforcing Agency —**
State of Michigan Department of Licensing and Regulatory Affairs
Bureau of Fire Services, Fire Safety Plan Review Division
525 W Allegan 4th Floor
Lansing, MI. 48913-0001
(517) 241-8847


**State of Michigan Dormitory Fire Safety Rules for Schools, Colleges and Universities (Effective January 5, 2017) promulgated by the State of Michigan Bureau of Fire Services (incorporating by reference NFPA 101 – Life Safety Code 2012). Note that this standard applies only to fire compartments of buildings which contain dormitories. A listing of Ann Arbor campus buildings that contain dormitory space is included at the end of this section.**

**Enforcing Agency —**
State of Michigan Department of Licensing and Regulatory Affairs
Bureau of Fire Services, Fire Safety Plan Review Division
525 W Allegan 4th Floor
Lansing, MI. 48913-0001
(517) 241-8847


State of Michigan Fire Safety Rules for Schools, Colleges and Universities ((Filed May 19, 2016) Effective June 20, 2016) promulgated by the State of Michigan Bureau of Fire Services (incorporating by reference NFPA 101 – Life Safety Code 2012). Note that this standard applies only to fire compartments of buildings which contain instructional space (classrooms and/or instructional laboratories). A listing of Ann Arbor campus buildings that contain instructional space is included at the end of this section.

Enforcing Agency —
State of Michigan Department of Licensing and Regulatory Affairs
Bureau of Fire Services, Fire Safety Plan Review Division
525 W Allegan 4th Floor
Lansing, MI. 48913-0001
(517) 241-8847


Application forms under Bureau of Fire Services:

State of Michigan Human Services for Child Care in a Child Care Center Promulgated by the State of Michigan Human Services. Note that this standard applies only to fire compartments of buildings which contain child care centers. A listing of Ann Arbor campus buildings that contain Child Care Centers is included at the end of this section.

Enforcing Agency —
State of Michigan Department of Human Services
PO Box 30759
Lansing, MI. 48909-8150
(517) 241-2488

Administrative rules:

State of Michigan Department of Licensing and Regulatory Affairs
Bureau of Fire Services, Child Care Section
PO Box 30700
Lansing, MI. 48909

Application form for Child Care Plan Review:

Enforcing Agency —
University of Michigan Architecture, Engineering and Construction.


Enforcing Agency —
University of Michigan EHS Fire Marshal.
1239 Kipke Dr.
Ann Arbor, MI 48109-1010
(734) 615-2718

State of Michigan Occupational Safety and Health Standards (MIOSHA) (Filed many different dates) Contact U of M Department of Environment, Health, and Safety for projects involving toxic and/or hazardous materials.

Contact UM Department of Environment, Health, and Safety (EHS) for projects affecting worker safety issues, such as work conditions resulting in exposure conditions to air contaminants, noise, ergonomic hazards, blood borne pathogens, ionizing or nonionizing radiation, and potential for exposure to worker falls, electrical hazards, excavations.
Additional information is at web site: http://ehs.umich.edu/plans-guidelines/

Enforcing Agency —
Michigan Department of Licensing and Regulatory Affairs
Michigan Occupational Safety & Health Administration (MIOSHA)
530 W. Allegan Street
P.O. Box 30643
Lansing, MI 48909-8143
(800) 866-4674

Web Site: http://www.michigan.gov/lara/0,4601,7-154-11407_15368---,00.html

(Effective July 11, 2014)

Enforcing Agency —
State of Michigan Department of Licensing and Regulatory Affairs
Refer to Design Guidelines for additional requirements on Elevators.


**Enforcing Agency** —
University of Michigan Architecture, Engineering and Construction.

Web site for Part 9a:


By local rule the following modifications are applied to the Michigan Plumbing Code article 607.1:

607.1 (2) (h): A 1070 mixing valve is permitted to control up to 5 accessible plumbing fixtures within the same room, The 1070 mixing valve shall be certified for a minimum flow rate of 1/2 GPM or less.

**Enforcing Agency** —
University of Michigan Architecture, Engineering and Construction.

Web site for Part 7:


**Enforcing Agency** —
Project jurisdiction NFPA 101:
State of Michigan Department of Licensing and Regulatory Affairs
Bureau of Fire Services, Plan Review/Fire Safety
300 N. Washington Square
Lansing, MI. 48913
(517) 241-8847

Project jurisdiction MBC: University of Michigan Architecture, Engineering and Construction


By local rule the following exceptions/modifications are applied to the Michigan Electrical Code:


NEC 2014 Sections 700.28 and 701.27: The University may deviate from full selectivity (overcurrent protective device coordination within the emergency generator distribution system) in order to lower arc-flash energy levels for worker safety. All such deviations from full selectivity will be designed by, and reviewed by, registered professional engineers.

**Enforcing Agency —**
University of Michigan Architecture, Engineering and Construction.

Web site for Part 8:

The 2010 edition of NFPA 72 is incorporated by reference in the edition of NFPA 101 incorporated by the current State of Michigan Bureau of Fire Services Administrative Rules for New and Existing School, College, and University Fire Safety and Dormitory Fire Safety. The Bureau of Fire Services allows the use of new versions of NFPA 72 with some limitations. Contact the Bureau of Fire Services for specifics

**Enforcing Agency —**
Project jurisdiction NFPA 101:
State of Michigan Department of Licensing and Regulatory Affairs
Bureau of Fire Services, Plan Review/Fire Safety
300 N. Washington Square
Lansing, MI. 48913
(517) 241-8847

By local rule, smoke and heat detectors are not required above suspended ceilings.

Enforcing Agency —
University of Michigan Unit for Laboratory Animal Medicine.

University of Michigan Environment, Health & Safety.


Web site for Federal Animal Welfare Act 9 CFR:

Refer to “Animal Facilities Design Criteria and Special Requirements” contained in The University of Michigan Design Guidelines.


Enforcing Agency —
University of Michigan EHS
Environmental Protection and Permitting Program (EP3)
1239 Kipke Dr.
Ann Arbor, MI 48109-1010
(734) 936-1920

Corresponding web site—

State of Michigan Issued NPDES Permit
In compliance with the provisions of the Federal Water Pollution Control Act, as amended (33 U.S.C. 1251 et seq; the "Federal Act"), Michigan Act 451, Public Acts of 1994, as amended (the "Michigan Act"), Parts 31 and 41, and Michigan Executive Orders 1991-31, 1995-4 and 1995-18, The University of Michigan (U-M) is authorized to discharge storm water from the municipal separate storm sewer system (MS4) operated by the U-M in various locations in Michigan, and is designated as an MS4 in
accordance with the conditions set forth in U-M’s National Pollutant Discharge Elimination System (NPDES) permit with the State of Michigan, Department of Environmental Quality (MDEQ).

Per the NPDES permit, projects that disturb greater than one acre of land must meet certain post-construction storm water management requirements. Contact EHS EP3 as soon as possible, at the beginning of a project, to discuss this requirement.

Please note that the City of Ann Arbor may also require post-construction storm water management, above what is required by the U-M’s NPDES permit, including areas disturbing less than 1 acre. This will be between the City and the Project, with input and coordination from EHS and the U-M Planner.

Coordinating Agency—
University of Michigan EHS
Environmental Protection and Permitting Program (EP3)
1239 Kipke Dr.
Ann Arbor, MI. 48109-1010
(734) 936-1920

Corresponding Guideline —
Stormwater Management – Post-Construction Requirements:
http://ehs.umich.edu/construction-projects/environmental-considerations/storm-water-management/

Enforcing Agency—
Michigan Department of Environmental Quality
Jackson State Office Building
301 E. Louis Glick Highway
4th Floor, Jackson, MI 49201
517-780-7929

MDEQ Web Site: http://www.michigan.gov/deq/0,4561,7-135-3313_3682_3716---,00.html

State of Michigan Contaminated Soil and Groundwater
In compliance with Michigan Public Act 451, Part 201 (Environmental Remediation) owners/operators of properties where soil or groundwater is present above Part 201 Generic Residential Criteria have due care requirements. Due Care requirements include undertaking measures, as necessary, to prevent exacerbation of existing contamination, undertaking response activities to mitigate unacceptable exposures to contamination, taking reasonable precautions against the reasonably foreseeable acts or omissions of a third party, complying with any land use or resource use restrictions, and not impeding with the effectiveness or integrity of such restrictions.

Contact EHS EP3 as soon as possible, at the beginning of a project, to discuss any known contamination, recommended assessments, scheduling, compliance requirements, and budget development to evaluate possible contamination or manage known contamination.

Coordinating Agency—
University of Michigan EHS
Environmental Protection and Permitting Program (EP3)
1239 Kipke Dr.
State of Michigan Leaking Underground Storage Tanks
In compliance with Michigan Public Act 451, Part 213 (Leaking Underground Storage Tanks) owners/operators of underground storage tanks have requirements during the removal of underground storage tank systems to evaluate if a release to the environment has occurred. Tank removal contractors are typically obtained and managed by U-M EHS.

Contact EHS EP3 as soon as possible at the beginning of a project to discuss any tank removals, recommended assessments, scheduling, compliance requirements, and budget development.

Coordinating Agency—
University of Michigan EHS
Environmental Protection and Permitting Program (EP3)
1239 Kipke Dr.
Ann Arbor, MI 48109-1010
(734) 936-1920

Enforcing Agency—
Michigan Department of Environmental Quality
Remediation and Redevelopment Division
P.O. Box 30426
Lansing, MI 48909-7926
517-335-6843

MDEQ Web Site: http://www.michigan.gov/deq/0,4561,7-135-3311_4109---,00.html

State of Michigan Underground Storage Tanks (UST)
(Permitting only, commissioning by AEC) In compliance with Michigan Public Act 451, Part 211 (Underground Storage Tank Rules), Michigan Underground Storage Tank Rules, and/or Storage and Handling of Flammable and Combustible Liquids Rules the owners/operators of underground ground storage tanks have requirements for the design, construction, installation, maintenance, and removal of tank systems.

Contact EHS EP3 as soon as possible at the beginning of a project to discuss tank plans, scheduling, compliance requirements, and budget development.
State of Michigan Aboveground Storage Tanks (AST)
(Permitting only, commissioning by AEC) In compliance with Michigan Public Act 207, Parts 2 through 5 of the rules the Aboveground Storage Tank (AST) Program regulates the following:
• storage and handling of flammable and combustible liquids with flash point less than 200 degrees Fahrenheit.
• storage and handling of liquefied petroleum gases
• compressed natural gas vehicular systems

The regulatory authority is from the Fire Prevention Code, 1941 PA 207, as amended.
Contact EHS EP3 as soon as possible at the beginning of a project to discuss tank plans, scheduling, compliance requirements, and budget development.

Michigan AST Web Site: http://www.michigan.gov/lara/0,4601,7-154-35299_42271_4115_4237---,00.html
Emergency Generators
(Permitting only, commissioning by AEC) Pending on size, fuel usage, status, reciprocating internal combustion engines are regulated per the Environmental Protection Agency and MDEQ. There are design requirements, potential permit requirements, maintenance/recordkeeping requirements and initial notification that need to be met and submitted within 120 days of startup.

Contact EHS EP3 as soon as possible at the beginning of a project to discuss plans, scheduling, compliance requirements, and budget development.

Coordinating Agency—
University of Michigan EHS
Environmental Protection and Permitting Program (EP3)
1239 Kipke Dr.
Ann Arbor, MI 48109-1010
(734) 936-1920

Enforcing Agencies—
Michigan Department of Environmental Quality
Air Quality Division
525 West Allegan Street
Lansing, MI 48909
Environmental Protection Agency
Air and Radiation Division
Chicago, IL

MDEQ Website (RICE): http://www.michigan.gov/deq/0,4561,7-135-3310_70310_70317-254013--00.html

Boilers
(Air permitting only, commissioning by AEC) Pending on size, fuel usage, status, boilers are regulated per the Environmental Protection Agency and MDEQ. There are design requirements, potential permit requirements, maintenance/recordkeeping requirements and initial notifications that need to be met and submitted within 15 days of startup.
Contact EHS EP3 as soon as possible at the beginning of the project to discuss plans, schedules, and compliance requirements.

Coordinating Agency—
University of Michigan EHS
Environmental Protection and Permitting Program (EP3)
1239 Kipke Dr.
Ann Arbor, MI 48109-1010
(734) 936-1920

Enforcing Agencies—
Michigan Department of Environmental Quality
Air Quality Division
525 West Allegan Street
Lansing, MI 48909
Special Instructions to Designers

Codes and Regulatory Agencies

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MDEQ Website: http://www.michigan.gov/deq/0,4561,7-135-3304-159354--,00.html

Environmental Protection Agency
Air and Radiation Division
Chicago, IL

EPA Boiler Website: https://www.epa.gov/boilers

Chemical Storage
Per the MI Part 5 Rules, Spillage of Oil and Polluting Materials, 1994 PA 451, R 324.2001 to R 324.2009, requires secondary containment and Pollution Incident Prevention Plan if bulk salt, chemical, or oil storage exceeds the threshold management quantity.
Contact EHS EP3 as soon as possible at the beginning of a project to discuss plans, scheduling, compliance requirements, and budget development.

Coordinating Agency—
University of Michigan EHS
Environmental Protection and Permitting Program (EP3)
1239 Kipke Dr.
Ann Arbor, MI 48109-1010
(734) 936-1920

Enforcing Agencies—
Michigan Department of Environmental Quality
Water Bureau
Jackson District Office
301 E. Louis Glick Highway
Jackson, MI 49201

MDEQ Website: http://www.michigan.gov/deq/0,4561,7-135-3313_23420--,00.html
Building Standards for University of Michigan construction that are required for subsequent licensing of the facility

State of Michigan Department of Licensing and Regulatory Affairs, Division of Health Facilities and Services

All areas used by inpatients, and all areas within state jurisdiction, are to be designed to comply with HFES regulations. In general, all areas used by outpatients that fall outside HFES jurisdiction are to be designed to comply with HFES regulations. Any areas of noncompliance should be reviewed and approved by the Michigan Medicine (MM) Design Manager.

HFES is the AHJ over all Inpatient Health Care Occupancies (defined as “Health Care Facilities” by NFPA and “I-2” by MBC. Further they are the AHJ over some “Ambulatory Health Care” Occupancies, including Outpatient Surgery and Outpatient Dialysis. The occupancy classification of “Ambulatory Health Care” needs to be carefully reviewed with the MM Design Manager. Not all AHC occupancies are subject state and federal regulatory authorities.

For assistance in determining which projects are subject to HFES plan review and inspection, MM has developed a flowchart available on the MM FPD website at HFES Flowchart. This flowchart has been reviewed by HFES, however it is not intended to replace professional judgment. Jurisdiction should be verified with HFES directly when it is not clear. Affirm decisions with the MM Design Manager.

Enforcing Agency—
Michigan Department of Licensing and Regulatory Affairs
Health Facilities Division, Health Facilities Engineering Section
Ottawa Building – 1st Floor
611 W. Ottawa Street
Lansing, MI 48933
Office #: 517-241-3408

HFES Website: http://www.michigan.gov/hfes

Biosafety in Microbiological and Biomedical Laboratories (BMBL)
An advisory document recommending best practices for the safe conduct of work in biomedical and clinical laboratories from a biosafety perspective. It is used for building design standards, grant, and contract requirements for laboratories that handle infectious microorganisms and hazardous biological materials or animals. Each biosafety laboratory must, at a minimum, meet the requirements for laboratory facilities as stated in the BMBL.

Coordinating Agency—
University of Michigan EHS
Biosafety
1239 Kipke Dr.
Center for Medicare and Medicaid Services (CMS)

CMS is a federal agency that administers Medicare, works with states on Medicaid. It surveys and certifies Health Care facilities and labs for reimbursement, including Outpatient Surgery and Outpatient Dialysis. CMS also issues Survey and Certification memos and clarifications, including “Categorical Waivers” that the facility may choose to adopt. CMS requires facilities built before 2016 to comply with “Existing Health Care” and “Existing Ambulatory Health Care” chapters of NFPA 101. Facilities built after 2016 and all renovations are to comply with “New Health Care” and “New Ambulatory Health Care.”

The Joint Commission Requirements for Accreditation of Health Care Facilities
As defined at http://www.jointcommission.org/. The Joint Commission (TJC) is the largest and most recognized accreditation organization that the state and CMS recognize for licensure and reimbursement. TJC surveys to the codes adopted by CMS.

State of Michigan Department of Licensing and Regulatory Affairs, Bureau of Health Systems, Radiation Safety Section
All projects which include radiation-producing equipment used for diagnostic and therapy procedures. All radiation-producing equipment must be registered with the Michigan Department of Licensing and Regulatory Affairs through EHS/Radiation Safety Service prior to initial use.

Enforcing Agency—
Radiation Safety Section
Michigan Occupational Safety and Health Administration (MIOSHA)
Michigan Department of Licensing and Regulatory Affairs
525 W. Allegan Street
P.O. Box 30643
Lansing, Michigan 48933
Phone: (517) 284-7820

Website: http://www.michigan.gov/lara/0,4601,7-154-11407_35791---,00.html

ASHRAE / ASHE Standard 170-2013 “Ventilation of Health Care Facilities”
Compliance with ASHRAE/ASHE Standard 170-2013 is required for all facilities which contain patient areas, including non-patient areas within the same building.
University of Michigan Leased Health Care Facilities

MM leases many facilities which are subject to local municipal jurisdiction, in addition to MM Design Guidelines and Preferred Manufacturer’s List (PML). For more information on ownership status and physical addresses for all buildings, please consult with the MM Design Manager.

Toxic and/or Hazardous Materials at University of Michigan Health Care Facilities

Contact MM Safety Management Services for projects involving toxic and/or hazardous materials.

Coordinating Agency —
Michigan House
2301 Commonwealth Blvd Floor 2
SPC 2945
Ann Arbor, MI 48105
(734) 764-4427
Email: safetymgmt-safety@med.umich.edu

Aviation, Pharmacy, Psychology, and Pathology, etc.
Consult corresponding clinical department for information on additional regulatory agencies including but not limited to the list above.

State of Michigan Rules for Construction or Renovation of Food Service Facilities

Promulgated by the State of Michigan Department of Agriculture and Rural Development (Food and Dairy Division). Act 92, Food Law which incorporates by reference chapters 1 through 8 of the 2009 Michigan Modified Food and Drug Administration Food Code. Visit the University of Michigan Department of Environment, Health & Safety website http://ehs.umich.edu/construction-projects/food-service-facilities/ for instruction sheet information and a copy of the Plan Review Packet and Worksheet that must be completed prior to starting a project. The University of Michigan Environment, Health & Safety (EHS) Department is the enforcing agency with authorization provided by the Washtenaw County Environmental Health Department.

Enforcing Agency —
University of Michigan EHS
Operational Health and Safety
1239 Kipke Dr.
Ann Arbor, MI. 48109-1010
(734) 647-1142

State of Michigan Rules for Construction or Renovation of Swimming Pools

Promulgated by the State of Michigan Department of Environmental Quality (Water Division). Michigan’s Public Health Code, Public Act 368 of 1978, Part 125. Contact University of Michigan Department of Environment, Health & Safety for information. The University of Michigan Environment, Health & Safety (EHS) Department is the enforcing agency with authorization provided by the Washtenaw County Environmental Health Department.

Enforcing Agency —
University of Michigan EHS
Also see 15010 “Basic Mechanical Requirements” for additional codes and standards applicable to mechanical work on University projects.

**State of Michigan Department of Environmental Quality (MDEQ)** (Filed many different dates)
Contact U of M Department of Environment, Health & Safety for information on environmental regulatory requirements. All project specific communication with the enforcing agency must be through or coordinated with the U of M Environment, Health & Safety Department.

**Coordinating Agency**—
University of Michigan EHS
Environmental Protection and Permitting Program (EP3)
1239 Kipke Dr.
Ann Arbor, MI 48109-1010
(734) 936-1920

EHS Web Site: http://ehs.umich.edu/

- Environmental Protection: http://ehs.umich.edu/construction-projects/environmental-considerations/
- Air permitting (generators, boilers, refrigeration units): http://ehs.umich.edu/environmental/air/
- Power washing and discharge to ground: http://ehs.umich.edu/environmental/water/powerwashing/
- Remediation: http://ehs.umich.edu/construction-projects/environmental-considerations/remediation/
- Storage Tanks: http://ehs.umich.edu/construction-projects/environmental-considerations/storage-tanks/
- Wetlands: http://ehs.umich.edu/environmental/wetlands/

**Enforcing Agency**—
Michigan Department of Environmental Quality
525 West Allegan Street
P.O. Box 30473
Lansing, MI 48909-7973
(800) 662-9278

MDEQ Web Site: http://www.michigan.gov/deq

**United States Environmental Protection Agency (USEPA)**
(Filed many different dates), which is Title 40 of the Code Federal Regulations. Contact U-M Department of Environment, Health & Safety for information on environmental regulatory
requirements. All project specific communication with the enforcing agency must be through or coordinated with the U of M Environment, Health & Safety department.

**Coordinating Agency**—
University of Michigan EHS
Environmental Protection and Permitting (EP)
1239 Kipke Dr.
Ann Arbor, MI 48109-1010
(734) 936-1920

EHS Web Site: [http://ehs.umich.edu/](http://ehs.umich.edu/)

**Enforcing Agency**—
United States Environmental Protection Agency
Region 5 (IL, IN, MI, MN, OH, WI)
77 West Jackson Boulevard
Chicago, IL 60604-3507
(312) 353-2000

USEPA Web Site: [http://www.epa.gov/](http://www.epa.gov/)

**Federal Aviation Administration (FAA)**
Any construction or alteration projects must provide notice to FAA if they meet certain criteria. All projects that meet the criteria noted in FAA Title 14: Aeronautics and Space, Part 77- Safe, Efficient Use, and Preservation of the Navigable Airspace must file notice with FAA at least 45 days prior to start date of proposed construction or alteration.

**Enforcing Agency**—
U.S. Department of Transportation
Federal Aviation Administration
800 Independence Avenue, SW
Washington, DC 20591
(866) 835-5322

University of Michigan Buildings
That Contain Instructional Space
(Based on M-Pathways GQL database for rooms with type code 110 or 210)

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<tr>
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<td>ROSS SCHOOL OF BUSINESS (B, 1, &amp; 2 Flrs)*</td>
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(*) Indicates compartment of jurisdiction. Note egress from compartment; fire alarm & fire suppression for entire bld are under BFS.

SPECIAL INSTRUCTIONS TO DESIGNERS
CODES AND REGULATORY AGENCIES

JUNE 2017
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(Based on M-Pathways GQL database for rooms with type code 110 or 210)

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<td>5101 WEILL HALL, JOAN &amp; SANFORD (1st &amp; 2nd Flrs)*</td>
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University of Michigan Buildings
That Contain Instructional Space and Are Rental Properties

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<td>5382 WOODWARD GARDENS</td>
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University of Michigan Buildings
That Contain Dormitory Space
(Based M-Pathways GQL database for rooms with type code 910, 919, 920, and 935)

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<td>0108 LAWYERS CLUB*</td>
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<td>0515 BAITS, VERA II COMAN HOUSE</td>
<td>0062 NEWBERRY RESIDENCE</td>
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<td>0516 BAITS, VERA II CONGER HOUSE</td>
<td>5177 NORTH QUAD COMPLEX (North Tower levels 3 through 10)*</td>
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<td>0517 BAITS, VERA II CROSS HOUSE</td>
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<td>0518 BAITS, VERA II THIEME HOUSE</td>
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<td>0519 BAITS, VERA II ZIWET HOUSE</td>
<td>0042 OH ADELIA CHEEVER RESIDENCE</td>
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<td>0051 BARBOUR, BETSY HOUSE</td>
<td>0043 OH GEDES RESIDENCE</td>
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<td>0555 BURSLEY HALL</td>
<td>0044 OH JULIA E EMANUEL RESIDENCE</td>
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<td>0120 CAMBRIDGE HOUSE (Compartment w/in MICHIGAN UNION)*</td>
<td>0046 OH L H SEELEY HALL</td>
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<td>0109 COOK, JOHN P LAW QUADRANGLE</td>
<td>0045 OH PAMELA NOBLE RESIDENCE</td>
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<td>0052 COOK, MARTHA RESIDENCE</td>
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<td>0055 FLETCHER HALL</td>
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(*) Indicates compartment of jurisdiction. Note egress from compartment; fire alarm & fire suppression for entire bldg are under BFS.
University of Michigan Buildings
That Contain Child Care Space
(Based M-Pathways GQL database for rooms with type code 640, and 645)

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<td>1047 DEARBORN KINDERGARDEN MODULE</td>
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<td>5018 NCRC (N Campus Research Complex) B075 CHILDREN’S CENTER</td>
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University of Michigan Buildings
That Are Inpatient & Health Care Facilities

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<td>5109 SAMUEL AND JEAN FRANKEL CARDIOVASCULAR CENTER (CVC)</td>
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<td>0313 CONNECTOR between UH and MOTT adjacent to TOWSLEY</td>
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<td>0312 UNIVERSITY HOSPITAL SOUTH UNIT 2 (old Mott)</td>
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<td>0318 UNIVERSITY HOSPITAL SOUTH UNIT 4 (old MCHC)</td>
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<td>5173 C.S. MOTT CHILDREN’S AND VON VOIGTLANDER WOMEN’S HOSPITAL</td>
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For more detailed boundaries for inpatient facilities in all buildings, please consult with MM Design Manager.

University of Michigan Buildings
That Contain Ambulatory Surgery Centers

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University of Michigan Buildings
That Contain Outpatient Dialysis

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(*) Indicates compartment of jurisdiction. Note egress from compartment; fire alarm & fire suppression for entire bldg are under BFS.