

**RESOLUTION OF THE KAYENTA TOWNSHIP COMMISSION**

**Amending the Kayenta Township Building Regulations to Establish Licensure Requirements, Civil Assessments, and a Board of Appeals and Appeals Procedures**

**WHEREAS:**

1. The Kayenta Township Commission ("Commission") has the general authority and responsibility to govern for the welfare of the Kayenta Township ("Township") and its residents, including the enactment of such ordinances, rules and regulations as it deems in the best interest of the Township; and

2. Pursuant to Resolution KTCAU-67-11 (August 8, 2011), the Commission approved the enactment of the Kayenta Township Building Codes as Chapter 11 to the Kayenta Township Code of Ordinances, with accompanying regulations ("Building Regulations"), and which regulate all construction activities within the Kayenta Township; and

4. Management, upon discussion with its staff and legal counsel, recommends that the Building Regulations be amended as provided in underline and strikeout in Exhibit A, attached hereto; and

6. Upon its review of the proposed amendments and an explanation of their need and purpose by Management, the Commission deems it in the best interest of the Kayenta Township to amend the Building Regulations as provided in underline and strikeout in Exhibit A, attached hereto.

**NOW THEREFORE BE IT RESOLVED THAT:**

A. The Kayenta Township Commission hereby amends the Building Regulations as provided in underline and strikeout in Exhibit A, attached hereto.

**CERTIFICATION**

I hereby certify that the foregoing resolution was considered by the Kayenta Township Commission at a duly called meeting at Kayenta, Navajo Nation (AZ), at which a quorum was present and that the same was passed by a vote of 4 in favor, 0 opposed, and 0 abstained, this 9<sup>th</sup> day of December, 2013.

Motion: Greyeyes

Second: Grey



Chairperson  
Kayenta Township Commission

**REGULATIONS FOR THE KAYENTA TOWNSHIP  
BUILDING CODES**

- SECTION 11-1 TITLE**
- SECTION 11-2 AUTHORITY (INTENT)**
- SECTION 11-3 CODES ADOPTED**
- SECTION 11-4 MANUFACTURED HOUSING**
- SECTION 11-5 PERMIT FEES**
- SECTION 11-6 CODE UPDATE CYCLES**
- SECTION 11-7 BOARD OF APPEALS AND APPEALS PROCEDURES**
- SECTION 11-8 VIOLATIONS**
- SECTION 11-9 PENALTIES**
- SECTION 11-10 LICENSURE OF ARCHITECTS, ENGINEERS, AND  
CONTRACTORS; CONSTRUCTION PLANS**
- SECTION 11-11 SAVINGS CLAUSE**

# **Chapter 11**

## **Regulations for the Kayenta Township Building Codes**

### **Section 11-1: Title**

This Chapter shall be cited as the Regulations for the Kayenta Township Building Codes.

### **Section 11-2: Authority (Intent)**

The Kayenta Township Commission deems it necessary to protect public health, safety and welfare and public and property by adopting certain rules and regulations controlling the design, construction, quality of materials, installation, alteration, repair, location, relocation, replacement, addition to, use and maintenance or heating, cooling, ventilating, process piping, refrigeration systems, plumbing systems, electrical systems and equipment and to regulate the construction, enlargement, alteration, repair, moving, removal, and demolition, conversion, occupancy, equipment, use, height, area and maintenance of all buildings and or structures within the boundaries of the Kayenta Township.

### **Section 11-3: Codes Adopted**

The following listed publications, collectively referred to as the “Kayenta Township Building Codes” or “Codes”, are hereby adopted by reference and declared to be public records, as fully set out at length in the Chapter 11 of the Kayenta Township Code of Ordinances. The Codes containing amendments are noted within each section. Three copies of each publication are on file and are available for public use and inspection during normal business hours in the Kayenta Township Records Office.

- A.** Subchapter 1 - International Building Code, 2006 edition, amended as the 2006 Kayenta Township Building Code.
- B.** Subchapter 2 - International Residential Code, 2006 edition, amended as the 2006 Kayenta Township Residential Code.
- C.** Subchapter 3 - International Mechanical Code, 2006 edition, amended as the 2006 Kayenta Township Mechanical Code.
- D.** Subchapter 4 - International Plumbing Code, 2006 edition, amended as the 2006 Kayenta Township Plumbing Code.
- E.** Subchapter 5 - National Electric Code, 2005 edition, amended as the Kayenta Township Electrical Code.
- F.** Subchapter 6 - International Existing Building Code, 2006 edition, as amended.
- G.** Subchapter 7 - International Fuel Gas Code, 2006 edition, as amended.
- H.** Subchapter 8 - International Energy Conservation Code, 2009 edition, as amended.
- I.** Subchapter 9 - International Green Construction Code, 2010 edition, Public Version 2.0, as amended.

#### **Section 11-4: Manufactured Housing**

Manufactured homes shall be regulated by the following standards unless indicated by the manufacturer that the building be regulated by a more restrictive code.

##### **A. Title 24: Housing and Urban Development:**

1. Part 3280-Manufactured Home Construction and Safety Standards.
2. Part 3282-Maunufactured Home Procedural and Enforcement Regulations.
3. Part 3285-Model Manufactured Home Installations Standards.
4. Part 3286-Manufactured Home Installation Program.

#### **Section 11-5: Permit Fees**

A Construction Permit Fee of one percent (1%) will be collected for all construction projects within the Kayenta Township. Such Construction Permit Fee shall be due and payable to the Kayenta Township in advance of the commencement date of construction of each project. The legal incidence of the Construction Fee is on the construction contractor. Nonetheless, the owner of the construction project shall be responsible for collecting the Construction Fee from the construction contractor and remitting such fee to the Kayenta Township. In the event the owner fails to collect such Construction Fee, the construction contractor must remit the Construction Fee to the Kayenta Township before beginning construction on the project. The Building Official, in his sole discretion, shall not permit construction to begin or proceed until the Construction Fee is paid.

#### **Section 11-6: Code Update Cycles**

The Codes adopted by this rule shall be updated in intervals not to exceed (8) eight years from previous edition adopted.

#### **Section 11-7: Board of Appeals and Appeals Procedures**

A. The three member Board of Appeals shall be comprised of two members appointed from the Kayenta Township Commission by majority vote of the Commission and the Town Manager.

B. Any appeal of a notice of violation or civil assessment under the Codes and Regulations shall be in accordance with the following:

1. Any person, entity, business, firm or corporation who receives notice of a violation and/or a civil assessment under the Codes and Regulations may appeal such notice and/or civil assessment by filing a notice of appeal to the Board of Appeals, Kayenta Township Building and Safety Department, within fifteen (15) days of the date such notice and/or assessment was served on such person, entity, business, firm or corporation. Filing of a notice of appeal shall not stay enforcement by the Kayenta Township Building Inspector.

2. The notice of appeal shall be in writing and shall identify the person, entity, business, firm or corporation who received the notice and/or assessment, attach a copy of the notice and/or assessment being appealed, specify the legal basis for the appeal, and include a statement of facts upon which the appellant relies in support of the appeal and such argument as appellant may care to make in support of the appeal.

3. Service and Notice of a violation of the Codes or Regulations and any civil assessment shall be effective on posting of the notice at the construction site. Failure to file a notice of appeal within the

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fifteen (15) days permitted under this section shall waive any further right to challenge the notice and/or assessment and which shall remain final and binding on such person, entity, business, firm or corporation.

4. The Board of Appeals shall hear the appeal within thirty (30) days of receipt of the notice of appeal by the Kayenta Township Building and Safety Department, upon at least ten (10) days' notice to the appellant and the Building Inspector of the date, time and place of the hearing. Upon request by either the Building Inspector or the appellant, or upon their agreement, and for good cause shown, the Board of Appeals may grant a continuance of not more than forty-five (45) days for the hearing. Parties may be represented by counsel and shall have the opportunity to present evidence and examine witnesses. After the hearing, each party shall have ten (10) days to submit in writing proposed findings of fact and conclusions of law.

5. The Board of Appeals shall review the decision of the Kayenta Township Building Inspector *de novo*, and may uphold, reverse, or modify the decision of the Building Inspector. The decision of the Board of Appeals shall include written findings of fact and conclusions of law and shall be final for the Township.

#### **Section 11-8: Violations**

It shall be a civil violation of the Codes and the Regulations for any person, entity, business, firm or corporation to erect, construct, enlarge, alter, repair, convert, demolish, equip, use or maintain any building and/or structure without the proper permit(s) and/or permission that is required by the Codes and Regulations or to otherwise violate any provision of the Codes or Regulations.

#### **Section 11-9: Penalties**

Any person, entity, business, firm, or corporation determined by the Kayenta Township Building Inspector to be in violation of Section 11-8 of the Regulations or any other provision of the Codes or Regulations shall be subject after written notice of such violation to a civil assessment by the Kayenta Township not to exceed \$1,000 per violation, per day.

#### **Section 11-10: Licensure of Architects, Engineers, and Contractors; Construction Plans**

Until such time as the Kayenta Township or the Navajo Nation adopts its own licensure requirements for contractors, any construction activities within the scope of the Building Codes and Regulations shall only be carried out by a contractor licensed and in good standing in one of the States of Utah, Arizona, Colorado or New Mexico, and proof of such licensure shall be provided to the Kayenta Township as part of the building permit application; provided, such licensure shall not be required if the construction activities and any buildings or structures built thereby are intended solely for the use of the owner or lessee of the property, are not ordinarily occupied by more than ten people, are not for sale to, rental to, or use by the public, and are otherwise in conformity with the Codes and Regulations. Until such time as the Kayenta Township or the Navajo Nation adopts its own licensure requirements for architects and engineers, all construction plans shall be submitted as part of the building permit application, shall require the seal and signature of a Utah, Arizona, Colorado or New Mexico State licensed professional engineer or architect, and shall be dated by such engineer or architect.

#### **Section 11-11: Savings Clause**

Nothing in this Chapter or in the adopted Codes shall be construed to affect any suit or proceeding now pending in any court, or any rights acquired, or liability incurred, or any cause or causes of action

acquired or existing, under any act or ordinance replaced hereby. Nor shall any right or remedy of any character be lost, impaired, or affected by the Codes.

RESOLUTION OF THE KAYENTA TOWNSHIP COMMISSION

Approving and Enacting the Kayenta Township Building Codes  
and Their Accompanying Regulations

WHEREAS:

1. The Kayenta Township Commission (“KTC”) has the general authority and responsibility to govern for the welfare of the Kayenta Township (“Township”) and its residents including the enactment of such ordinances, rules and regulations as it deems in the best interest of the Township; and
2. Pursuant to this authority, the Township desires to adopt: the International Building Code, 2006 edition, amended as the 2006 Kayenta Township Building Code; International Residential Code, 2006 edition, amended as the 2006 Kayenta Township Residential Code; International Mechanical Code, 2006 edition, amended as the 2006 Kayenta Township Mechanical Code; International Plumbing Code, 2006 edition, amended as the 2006 Kayenta Township Plumbing Code; National Electric Code, 2005 edition, amended as the Kayenta Township Electrical Code; International Existing Building Code, 2006 edition, as amended; International Fuel Gas Code, 2006 edition, as amended; International Energy Conservation Code, 2009 edition, as amended; and International Green Construction Code, 2010 edition, Public Version 2.0, as amended; collectively referred to as the “Kayenta Township Building Codes” or “Building Codes,” attached hereto as Exhibit “A”; and
3. The Building Codes have been designed to be used nationally across the United States in lieu of multiple regional codes in order to promote uniformity in construction codes, procedures and standards in all communities; and
4. The Township has retained the services of a building code consultant to review the Building Codes and recommend certain amendments, and such consultant has made certain recommendations that have been incorporated into the Building Codes; and
5. The Township desires to enact the Kayenta Township Building Codes as Chapter 11 to the Kayenta Township Code of Ordinances with accompanying regulations, which will regulate all construction activities within the Township, as prescribed in the attached Exhibits “A” and “B,” respectively; and
6. The Township has determined that the appointment of a Board of Appeals, called for by Section 112 of the Kayenta Township Building Code, may be delayed to a later date, or when and if deemed necessary by the Kayenta Township; and
7. The Kayenta Township has provided the required thirty-day public notice in accordance with Section 2-108 of Chapter 2, Administrative Procedures of the Kayenta Township Code of Ordinances.

**NOW, THEREFORE BE IT RESOLVED THAT:**

1. The KTC hereby approves the enactment of the Kayenta Township Building Codes, referenced above in Whereas Clause No. 1, as Chapter 11 to the Kayenta Township Code of Ordinances with accompanying regulations, which will regulate all construction activities within the Kayenta Township, as prescribed in the attached Exhibits "A" and "B", respectively.
2. The KTC hereby reserves the appointment of a Board of Appeals required by Section 112 of the Kayenta Township Building Code until a later date, when if deemed necessary by the Kayenta Township.
3. The KTC hereby authorizes the Township Manager to execute any necessary documents related to the Building Codes, as recommended by the Kayenta Township Building Official, on behalf of the Kayenta Township.

**CERTIFICATION**

I hereby certify that the foregoing resolution was duly considered by the Kayenta Township Commission at a duly called meeting at Kayenta, Navajo Nation (Arizona), at which a quorum was passed and that same was passed by a vote of 4 in favor, 0 opposed, and 0 abstained, this 8<sup>th</sup> day of August, 2011.

Motion: Delores Greyeyes

Second: Rodger Grey

KAYENTA TOWNSHIP COMMISSION



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Andre Cordero, Chairperson

**THE KAYENTA TOWNSHIP BUILDING CODES  
CHAPTER 11**

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- \*\* Indicates new text has been added to section.
- \*\*\* Indicates a new section or exception has been added.
- \*\*\*\* Indicates a section or exception has been deleted in its entirety.

## SUBCHAPTER 1

### 2006 KAYENTA TOWNSHIP BUILDING CODE

**11-101 AUTHORITY HAVING JURISDICTION:** Kayenta Township Building and Safety Department.

**11-102 SCOPE:** This rule applies to the construction, alteration, relocation, enlargement, replacement, repair, change of occupancy/use or location, removal and demolition of every building or structure or any appurtenances connected or attached to such building(s) or structure(s) performed in Kayenta, Arizona on or after the Effective Date, as defined below, that is subject to the jurisdiction of the Kayenta Township Building and Safety Department (KTBSD), unless performed pursuant to a permit for which an application was received by the KTBSD before such date.

1. **Exception 1.** Detached one- and two- family dwelling(s) and multiple single-family dwellings (townhouses) not more than three (3) stories high with separate mean of egress, and their accessory structures shall comply with the 2006 Kayenta Township Residential Code (KTRC).
2. **Exception 2.** Existing buildings, not subject to the KTRC, undergoing a change of occupancy, repair, alterations or additions shall comply with either the 2006 KTRC or the 2006 International Existing Building Code (IEBC), as applicable in this rule.

**11-103 STATUTORY AUTHORITY:** Kayenta Township Building Codes, Chapter 11 of the Kayenta Township Code of Ordinances, as adopted by Resolution KTC AU-\_\_-11.

**11-104 DURATION:** Perpetual

**11-105 ADOPTION DATE:** August 8, 2011

**11-106 EFFECTIVE DATE:** August 15, 2011

**11-107 OBJECTIVE:** The purpose of this rule is to establish minimum standards for construction of commercial building(s) or structure(s) in Kayenta, Arizona.

**11-108 DEFINITIONS:** The provisions in Chapter 2 of the 2006 International Building Code (IBC) as amended in this document shall apply.

**11-109 ADOPTION OF THE 2006 INTERNATIONAL BUILDING CODE:**

1. This rule adopts by reference the 2006 IBC and appendices, as amended by this rule.
2. In this rule, each provision is numbered to correspond with the numbering of the 2006 IBC.
3. This rule shall apply in conjunction with the 2010 International Green Construction Code PV 2.0 (IGCC).

**CHAPTER 1 ADMINISTRATION:** See this chapter of the IBC except as provided below.

\* **Section 101 General.** See this section of the IBC except as provided below.

- A. **101.1 Title.** Delete this section of the IBC and substitute as follows: This code shall be known as the 2006 Kayenta Township Building Code (KTBC).
- B. **101.2 Scope.** Delete this section of the IBC and see KTBC, Scope.
- C. **101.2.1 Appendices.** This rule adopts the following appendices as amended herein.
  - (a) **Appendix E.** Supplementary Accessibility Requirements.
  - (b) **Appendix G.** Flood Resistant Construction.
  - (c) **Appendix H.** Signs.
  - (d) **Appendix J.** Grading.
- D. **101.3 Intent.** Delete this section of the IBC and see the Scope and Objective sections above of the KTBC.
- E. **101.4 Referenced Codes.** The codes referenced in the KTBC are:
  - (a) **101.4.1 Electrical.** Delete this section of the IBC and substitute the following: The 2005 Kayenta Township Electrical Code (KTEC) applies to all components to be energized within a structure or building as defined in the 2005 National Electrical Code (NEC). All references in the NEC are deemed references to the KTEC.
  - (b) **101.4.2 Gas.** See the 2006 International Fuel Gas Code.
  - (c) **101.4.3 Mechanical.** Delete this section of the IBC and substitute the following: The 2006 Kayenta Township Mechanical Code (KTMC) applies to the installation, repair and replacement of mechanical systems including equipment, appliances, fixtures, fittings and/or appurtenances including ventilating, heating, cooling, air conditioning and refrigeration systems, incinerators, and energy related systems. All references in the IBC to the International Mechanical Code (IMC) are deemed references to the KTMC.
  - (d) **101.4.4 Plumbing.** Delete this section of the IBC and substitute the following: The 2006 Kayenta Township Plumbing Code (KTPC) applies to the installation, alterations, repairs, and replacement of plumbing systems, including equipment, appliances, fixtures, fitting and appurtenances, and unless where connected to a water or sewage system under the jurisdiction defined in IBC Section 111 and all aspects of a medical gas system. All references in the IBC to the 2006 International Plumbing Code (IPC) are deemed references to the KTPC.
  - (g) **101.4.7 Energy.** Delete this section of the IBC and substitute the following: The provisions of the 2010 International Green Construction Code (IGCC) shall apply.

**Section 102 Applicability.** The provisions in this section of the IBC shall apply as amended in this document.

\*

**Section 107.3 Temporary power.** See this section of the IBC except at the conclusion of section, delete words "ICC Electric Code" and substitute KTEC.

\* **Section 108.6.1 Refunds.** Delete this section of the IBC and substitute as follows:  
Refunds shall be returned minus 10% (ten percent) of deposited fee to cover  
administrative time invested by the KTBSD.

\*\* **Section 112. Board of Appeals.**  
**Section 112.1 General.** See this section of the IBC and add the following: This  
section shall apply to the KTBC and all related codes adopted by the Kayenta  
Township Commission. The Board of Appeals shall be appointed at a later date,  
when and if deemed necessary by the Kayenta Township.

**CHAPTER 2 DEFINITIONS:** See this chapter of the IBC.

**CHAPTER 3 USE AND OCCUPANCY CLASSIFICATIONS:** See this chapter of the IBC.

**CHAPTER 4 SPECIAL DETAILED REQUIREMENTS BASED ON USE AND OCCUPANCY:** See this  
chapter of the IBC.

**CHAPTER 5 GENERAL BUILDING HEIGHTS AND AREAS:** See this chapter of the IBC except as  
provided below.

\*\*\* **Section 503.1 General.** See this section of the IBC except add the new exception as  
follows.

**Exception:** Building height shall not exceed 50 feet (15.240m) along the airport  
corridor.

**CHAPTER 6 TYPES OF CONSTRUCTION:** See this chapter of the IBC.

**CHAPTER 7 FIRE-RESISTANT-RATED CONSTRUCTION:** See this chapter of the IBC.

**CHAPTER 8 INTERIOR FINISHES:** See this chapter of the IBC.

**CHAPTER 9 FIRE PROTECTION SYSTEMS:** See this chapter of the IBC except as provided below.

\* **[F] Section 904.3.1 Electrical Wiring.** See this section of the IBC except at the  
conclusion of this section, delete words "ICC Electric Code" and substitute "KTEC."

\* **Section 909.9 Design fire.** Delete this section from the IBC and substitute the following:  
The design fire shall be based on a rational analysis performed by a registered design  
professional and approved by the Building Official. The design fire shall be based on an  
analysis in accordance with section 909.4 and this section.

**CHAPTER 10 MEANS OF EGRESS:** See this chapter of the IBC.

**CHAPTER 11 ACCESSIBILITY:** See this chapter of the IBC except as provided below.

\* **Section 1110 Signs.** See this section of the IBC except delete text (5.) of this section of  
the IBC and substitute the following: Accessible entrances where not all entrances are  
accessible, except entrances to occupancies defined in the KTRC.

**CHAPTER 12 INTERIOR ENVIRONMENT:** See this chapter of the IBC.

**CHAPTER 13 ENERGY EFFICIENCY:** Delete this chapter of the IBC and see the 2010 IGCC.

**CHAPTER 14 EXTERIOR WALLS:** See this chapter of the IBC.

**CHAPTER 15 ROOF ASSEMBLIES AND ROOFTOP STRUCTURES:** See this chapter of the IBC except as provided below.

\* **Section 1502 DEFINITIONS.** See this section of the IBC except as provided below.  
**(8) Positive Roof Drain.** The definition in the IBC is amended to read as follows: The drainage condition in which consideration has been made for all loading defections of the roof deck, and an additional slope has been provided to ensure drainage of the roof within 48 hours of precipitation. Drainage will occur to the following condition: no more than 0.5 inch (13mm) of standing water shall remain after 48 hours of precipitation in normal drying conditions.

**Section 1510.6 Flashings.** See this section of the IBC except add the following new section:

\*\*\* **Section 1510.6.1 Flashing removal.** Where re-roofs apply flashings shall be removed to the roof deck surface, so as not to puncture replaced roof covering.

**CHAPTER 16 STRUCTURAL DESIGNS:** See this chapter of the IBC.

**CHAPTER 17 STRUCTURAL TESTS AND SPECIAL INSPECTIONS:** See this chapter of the IBC.

**CHAPTER 18 SOILS AND FOUNDATIONS:** See this chapter of the IBC except as provided below.

\* **Section 1805.4.2.3 Plain concrete footings.** Delete this section of the IBC and substitute the following: The edge thickness of plain concrete footings supporting walls or piers of any structure intended for human occupancy shall extend below the local frost depth of 18 inches (458mm).

**CHAPTER 19 CONCRETE:** See this chapter of the IBC except as provided below.

\*\*\*\* **Section 1909.4 Design:** See this section of the IBC except delete the exception.

**CHAPTER 20 ALUMINUM:** See this chapter of the IBC.

**CHAPTER 21 MASONRY:** See this chapter of the IBC except as provided below.

**Section 2104.1.2.7 Grouted masonry.** See this section of the IBC except add the following new section:

\*\*\* **Section 2104.1.2.8 Grout space (cleaning).** Provisions shall be made for cleaning of grout space. Mortar projections (tailings) that project more than 0.5 inch (13mm) into grout space and any other foreign matter shall be removed from grout space prior to inspection and grouting.

\* **Table 2109.5.3.1** See this table of the IBC except delete hollow masonry unit (HMU) use in foundation systems, HMU shall be fully grouted below grade.

**Exception:** Conditions and/or installations approved by the Building Official.

**CHAPTER 22 STEEL:** See this chapter of the IBC.

**CHAPTER 23 WOOD:** See this chapter of the IBC except as provided below.

\*\*\* **Section 2308.9.2.1 Top plates.** See this section of the IBC except add the new exceptions as follows.

**Exceptions:**

2.) Adequate mechanical strapping.

3.) Occupancies included in the KTRC.

\*

**Section 2308.9.2.4 Plates or sills.** See this section of the IBC except amend "2 inches (51mm)" to read "2 inches (38mm) nominal".

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**CHAPTER 24 GLASS AND GLAZING:** See this chapter of the IBC.

**CHAPTER 25 GYPSUM BOARD AND PLASTER:** See this chapter of the IBC.

**CHAPTER 26 PLASTIC:** See this chapter of the IBC.

**CHAPTER 27 ELECTRICAL:** Delete this chapter of the IBC and see the 2005 KTEC.

**CHAPTER 28 MECHANICAL SYSTEMS:** Delete this chapter of the IBC and see the 2006 KTMC.

**CHAPTER 29 PLUMBING SYSTEMS:** Delete this chapter of the IBC and see the 2006 KTPC.

**CHAPTER 30 ELEVATORS AND CONVEYING SYSTEMS:** See this chapter of the IBC.

**CHAPTER 31 SPECIAL CONSTRUCTION:** See this chapter of the IBC.

**CHAPTER 32 ENCROACHMENTS INTO THE PUBLIC RIGHT-OF-WAY:** See this chapter of the IBC.

**CHAPTER 33 SAFEGUARDS DURING CONSTRUCTION:** See this chapter of the IBC.

**CHAPTER 34 EXISTING STRUCTURES:** See this chapter of the IBC except as provided below.  
Chapter 34 shall be administered until the effective date of the 2009 International Existing Building Code (IEBC) February 1, 2012.

**CHAPTER 35 REFERENCED STANDARDS:** See this chapter of the IBC.

**APPENDIX E SUPPLEMENTARY ACCESSIBILITY REQUIREMENTS:** See this appendix of the IBC.

**APPENDIX G FLOOD-RESISTANT CONSTRUCTION:** See this appendix of the IBC.

**APPENDIX H SIGNS:** See this appendix of the IBC.

**APPENDIX J GRADING:** See this appendix of the IBC.

## SUBCHAPTER 2

### KAYENTA TOWNSHIP RESIDENTIAL CODE

**11-201 AUTHORITY HAVING JURISDICTION:** Kayenta Township Building and Safety Department.

**11-202 SCOPE:** This rule applies to all construction, alteration, relocation, enlargement, replacement, repair, change of occupancy/use or location, removal and demolition of all detached one- and two-family dwellings and multiple single-family dwellings (townhouses) not more than three (3) stories above adjacent grade with separate means of egress, and their accessory structure(s) that is performed in Kayenta, Arizona on or after Effective Date, as defined below, that is subject to the jurisdiction of the Kayenta Township Building & Safety Department (KTBSD) pursuant to a building permit for which an application was received by the KTBSD before such date. Any repair, alteration or addition to such building(s) or structures(s) that is associated with a change of occupancy or use and any construction not addressed in the Kayenta Township Residential Code (KTRC) shall be subject to the Kayenta Township Building Code (KTBC).

**11-203 STATUTORY AUTHORITY:** Kayenta Township Building Codes, Chapter 11 of the Kayenta Township Code of Ordinances, as adopted by Resolution KTC AU-\_\_-11.

**11-204 DURATION:** Perpetual

**11-205 ADOPTION DATE:** August 8

**11-206 EFFECTIVE DATE:** August 15

**11-207 OBJECTIVE:** The purpose of this rule is to establish minimum standards for the construction of residential building(s) or accessory structure(s) in Kayenta, Arizona.

**11-208 DEFINITIONS:** The provisions in Chapter 2 of the 2006 International Residential Code (IRC) as amended in this document shall apply.

**11-209 ADOPTION OF THE 2006 INTERNATIONAL RESIDENTIAL CODE:**

1. This rule adopts by reference the 2006 IRC and appendices, as amended by this rule.
2. In this rule, each provision is numbered to correspond with the numbering of the 2006 IRC.
3. This rule shall apply in conjunction with standards for manufactured housing with Title 24: Housing and Urban Development, Parts 3280, 3282, 3285, and 3286.

**CHAPTER 1 ADMINISTRATION:** See this chapter of the IRC except as provided below.

\* **Section 101. Title, Scope, and Purpose.**

- A. **R101.1 Title.** Delete this section of the IRC and substitute as follows:  
This code shall be known as the 2006 Kayenta Township Residential Code (KTRC).
- B. **R101.2 Scope.** Delete this section of the IRC and see KTRC, Scope.
- C. **R101.3 Purpose.** See KTRC, Objective.

\* **Section 102. Applicability.**

- A. **R102.1 General.** Delete this section of the IRC and see KTRC provisions.

- B. **R102.2 Other Laws.** Delete this section of the IRC and see KTRC provisions
- C. **R102.3 Application of references.** Delete this section of the IRC and see KTRC provisions.
- D. **R102.4 Reference Codes and Standards.** Delete this section of the IRC and substitute the following: The codes referenced in the KTRC are set forth below.
  - (a) **Electrical.** Delete this section of the IRC and substitute the following: The 2005 Kayenta Township Electrical Code (KTEC) applies to all electrical wiring as defined in the 2005 National Electrical Code (NEC). All references in the IRC to the NEC are deemed references to the KTEC.
  - (b) **Gas.** See the 2006 International Fuel Gas Code (IFGC) effective September 1, 2011.
  - (c) **Mechanical.** See this section of the IRC with specific provisions of the 2006 Kayenta Township Mechanical Code (KTMC), which shall apply to the installation, repair and replacement of mechanical systems including equipment, appliances, fixtures, fittings and/or appurtenances including ventilating, heating, cooling, air conditioning, and refrigeration systems, incinerators, and other energy related systems. All references in the IRC to the 2006 International Mechanical Code (IMC) Code are deemed references to the KTMC.
  - (d) **Plumbing.** See this section of the IRC with specific provisions of the 2006 Kayenta Township Plumbing Code (KTPC), which shall apply to the installation, alterations, repairs, and replacement of plumbing systems, including equipment, appliances, fixtures, fittings, and appurtenances, and where connected to a water or sewage system and all aspects of a medical gas system. All references in the IRC to the International Plumbing Code (IPC) are deemed references to the KTPC.
- E. **R102.5 Appendices.** This rule adopts the following appendices as amended herein:
  - (a) **Appendix G.** Swimming Pools and Spas.
  - (b) **Appendix H.** Patio Covers.
  - (c) **Appendix J.** Existing buildings.
- D. **R102.6 Partial Invalidity.** See this section of the IRC.
- F. **R102.7 Existing Structures.** See this section and sub-section R102.7.1, additions, alterations or repairs, of the IRC, except that the references to the International Property Maintenance Code (IPMC) and the International Fire Code (IFC) are deleted.
- G. **R112. Board of Appeals.** Delete this section and see Section 112 of the KTBC.

\*\*\*\*

**CHAPTER 2 DEFINITIONS:** See this chapter of the IRC.

**CHAPTER 3 BUILDING PLANNING:** See this chapter of the IRC, except as provided below.

\*\* **Table R301.2(1) Climatic and Geographic Design Criteria.** See this table of the IRC, amended as follows.

**TABLE R301.2(1)  
CLIMATIC AND GEOGRAPHIC DESIGN CRITERIA**

Ground Snow Load (psf)	Wind Speed (mph)	Seismic Design Category	Subject to damage from			Winter Design Temp	Ice barrier underlayment Required	Flood Hazards	Air Freezing Index	Mean Annual Temp
			Weathering	Frost Line Depth	Termite					
15	90	B	Moderate	18"	Moderate Heavy	12	No		620	55

For SI: 1 pound per square foot= 0.0479 kPa, 1 mile per hour= 0.447 m/s.

\* **Section 309.1 Opening protection.** Delete this section of the IRC and substitute the following: Openings from a private garage directly into a room used for sleeping purposes or food preparation shall not be permitted. Other openings between garage and residence shall be equipped with self-closing solid wood doors not less than 1-3/8 inches (35mm) in thickness, solid or honeycomb core steel doors not less than 1-3/8 inches (35mm) thick, or 20-minute fire-rated doors.

\* **Section 309.2 Separation required.** Delete this section of the IRC and substitute the following: The garage shall be separated from the residence and its attic area by not less than 5/8 inch (15.9mm) type x gypsum board or equivalent applied to the garage side. Garages beneath habitable rooms shall be separated by not less than 5/8 type x gypsum board or equivalent. Where separation is a floor-ceiling assembly, the structure supporting the separation shall also be protected by not less than 5/8 inch type x gypsum board or equivalent. Garages located less than three (3) feet (914mm) from a dwelling unit on the same lot shall be protected with not less than 5/8 inch (15.9mm) type x gypsum board or equivalent applied to the interior side of exterior walls facing dwelling unit(s).

**CHAPTER 4 FOUNDATIONS:** See this chapter of the IRC.

**CHAPTER 5 FLOORS:** See this chapter of the IRC.

**CHAPTER 6 WALL CONSTRUCTION:** See this chapter of the IRC.

**CHAPTER 7 WALL COVERING:** See this chapter of the IRC except as provided below.

**Section R703.6.2.1 Weep screeds.** See this section of the IRC except add the following new section;

\*\*\* **R703.6.2.2 Plaster to roof separation.** A reglet, plaster stop, weep screed or equivalent metal flashing shall be applied where all surfaces terminate at a roof.

**CHAPTER 8 ROOF-CEILING CONSTRUCTION:** See this chapter of the IRC.

**CHAPTER 9 ROOF ASSEMBLIES:** See this chapter of the IRC.

**CHAPTER 10 CHIMNEYS AND FIREPLACES:** See this chapter of the IRC.

**CHAPTER 11 ENERGY EFFICIENCY:** Delete this chapter of the IRC and see the 2006 IECC.

**PART V MECHANICAL, CHAPTERS 12 THROUGH 23:** See these chapters of the IRC, with specific provisions in the KTMC.

**CHAPTER 24 FUEL GAS:** See this chapter of the IRC except as provided below. The provisions of chapter 24 shall apply until the effective date of the 2006 International Fuel Gas code (IFGC) September 1, 2011.

**PART VII PLUMBING, CHAPTERS 25 through 32:** See these chapters of the IRC with specific provisions in the KTPC.

**PART VIII, ELECTRICAL, CHAPTERS 33 through 42:** Delete these chapters of the IRC and see the KTEC.

**CHAPTER 43 REFERENCED STANDARDS:** See this chapter of the IRC.

**APPENDIX G SWIMMING POOLS, SPAS, AND HOT TUBS:** See this appendix of the IRC except as provided below.

**Section AG105.1 Application.** See this section of the appendix of the IRC, except as provided below.

\*\*\*

**(9.4)** Add this new condition to subsection section 9. as follows: Access intended for use by dog(s) or other domesticated animals through door(s) or walls shall not have direct access into the required barrier.

**APPENDIX H PATIO COVERS:** See this appendix of the IRC.

**APPENDIX J EXISTING BUILDINGS AND STRUCTURES:** See this appendix of the IRC.

## SUBCHAPTER 3

### 2006 KAYENTA TOWNSHIP MECHANICAL CODE

**11-301 AUTHORITY HAVING JURISDICTION:** Kayenta Township Building and Safety Department.

**11-302 SCOPE:** This rule applies to all contracted mechanical work performed in Kayenta, Arizona on or after Effective Date, as defined below, that is subject to the jurisdiction of the Kayenta Township Building and Safety Department (KTBSD), unless performed pursuant to a permit for which an application was received by the KTBSD before such date.

**Exception:** Detached one- and two-family dwellings and multiple single-family dwellings (townhouses) not more than three (3) stories above adjacent grade with separate means of egress and there accessory structure(s) shall comply with the Kayenta Township Residential Code (KTRC) and with specific provisions of this Kayenta Township Mechanical Code.

**11-303 STATUTORY AUTHORITY:** Kayenta Township Building Codes, Chapter 11 of the Kayenta Township Code of Ordinances, as adopted by Resolution KTCAU-\_\_-11.

**11-304 DURATION:** Perpetual.

**11-305 ADOPTION DATE:** August 8

**11-306 EFFECTIVE DATE:** August 15

**11-307 OBJECTIVE:** The purpose of this rule is to establish minimum standards for the installation, repair, and replacement of mechanical systems including equipment, appliances, fixtures, fittings and/or appurtenances including ventilation, heating, cooling, air conditioning and refrigeration systems, incinerators, and other energy related systems in Kayenta, Arizona.

**11-308 DEFINITIONS:** The provisions in Chapter 2 of the 2006 International Mechanical Code (IMC) as amended in this document shall apply.

**11-309 ADOPTION OF THE 2006 INTERNATIONAL MECHANICAL CODE:**

1. This rule adopts by reference the 2006 IMC and appendices, as amended by this rule.
2. In this rule, each provision is numbered to correspond with the numbering of the 2006 IMC.
3. This rule shall apply in conjunction with the 2010 International Green Construction Code PV 2.0 (IGCC)

**CHAPTER 1 ADMINISTRATION:** See this chapter of the IMC except as provided below.

\* **Section 101 General.** See this section of the IMC except as provided below.

- A. **101.1 Title.** Delete this section of the IMC and substitute the following:  
This code shall be known as the 2006 Kayenta Township Mechanical Code (KTMC).
- B. **101.2 Scope.** Delete this section and see the KTMC, Scope.
- C. **101.2.1 Appendices.** This rule adopts all appendices of the IMC.

\*\*\*\*

**D. SECTION 109. MEANS OF APPEALS.** Delete this section and see Section 112 of the KTBC.

**CHAPTER 2 DEFINITIONS:** See this chapter of the IMC.

**CHAPTER 3 GENERAL REGULATIONS:** See this chapter of the IMC except as provided below.

\*\*

**Section 304.9 Clearances from grade.** Delete this section of the IMC and substitute the following: Equipment and appliances installed at grade level shall be supported and secured to a level concrete slab or other approved material extending 4 inches (102mm) above adjoining grade or shall be suspended a minimum of 6 inches (152mm) above adjoining grade.

**CHAPTER 4 VENTILATION:** See this chapter of the IMC.

**CHAPTER 5 EXHAUST SYSTEMS:** See this chapter of the IMC except as provided below.

**SECTION 504 CLOTHES DRYER EXHAUST.** See this section of the IMC except add the new section as follows.

\*\*\*

**Section 504.8 Exhaust penetrations.** Clothes dryer exhaust shall not penetrate any fire rated assembly.

**Exception:** Condition and installations approved by the Building Official.

**CHAPTER 6 DUCT SYSTEMS:** See this chapter of the IMC except as provided below.

\*\*

**Section 603.16 Weather protection.** Delete this section of the IMC and substitute the following: Duct work shall not be installed in exterior walls or exterior to the thermal envelope.

**Exception:** Duct work insulation that meets or exceeds the insulation requirement applicable to the exterior building thermal envelope.

**CHAPTER 7 COMBUSTION AIR:** See this chapter of the IMC.

**CHAPTER 8 CHIMNEY AND VENTS:** See this chapter of the IMC.

**CHAPTER 9 SPECIFIC APPLIANCES, FIREPLACES AND SOLID FUEL-BURNING EQUIPMENT:** See this chapter of the IMC.

**CHAPTER 10 BOILERS, WATER HEATERS AND PRESSURE VESSELS:** See this chapter of the IMC.

**CHAPTER 11 REFRIGERATION:** See this chapter of the IMC.

**CHAPTER 12 HYDRONIC PIPING:** See this chapter of the IMC.

**CHAPTER 13 FUEL OIL PIPING AND STORAGE:** See this chapter of the IMC.

**CHAPTER 14 SOLAR SYSTEMS:** See this chapter of the IMC.

**CHAPTER 15 REFERENCED STANDARDS:** See this chapter of the IMC.

## SUBCHAPTER 4

### 2006 KAYENTA TOWNSHIP PLUMBING CODE

**11-401 AUTHORITY HAVING JURISDICTION:** Kayenta Township Building and Safety Department.

**11-402 SCOPE:** This rule applies to all contracted plumbing work performed in Kayenta, Arizona on or after Effective Date, as defined below, that is subject to the jurisdiction of the Kayenta Township Building & Safety Department (KTBSD), unless performed pursuant to a permit for which an application was received by KTBSD before such date.

**Exception:** Detached one- and two-family dwellings and multiple single-family dwellings (townhouses) not more than three (3) stories above adjacent grade with separate means of egress and there accessory structure(s) shall comply with the Kayenta Township Residential Building Code (KTRC) and with specific provision of this *code*.

**11-403 STATUTORY AUTHORITY:** Kayenta Township Building Codes, Chapter 11 of the Kayenta Township Code of Ordinances, as adopted by Resolution KTCAU-\_\_-11.

**11-404 DURATION:** Perpetual.

**11-405 ADOPTION DATE:** August 8

**11-406 EFFECTIVE DATE:** August 15

**11-407 OBJECTIVE:** The purpose of this rule is to establish minimum standards for all plumbing component, replacements, installations, repairs and alterations to building(s) in Kayenta, Arizona.

**11-408 DEFINITIONS:** The provisions in Chapter 2 of the 2006 International Plumbing Code (IPC) as amended in this document shall apply.

**11-409 ADOPTION OF THE 2006 INTERNATIONAL PLUMBING CODE:**

1. This rule adopts by reference the 2006 IPC and appendices, as amended by this rule.
2. In this rule, the internal numbering of each provision corresponds with the numbering of the 2006 IPC.
3. This rule shall apply in conjunction with the 2010 International Green Construction Code PV 2.0 (IGCC).

**CHAPTER 1 ADMINISTRATION:** See this chapter of the IPC except as provided below.

\* **SECTION 101 General.** See this section of the IPC except as provided below.

A. **101.1 Title.** Delete this section of the IPC and substitute the following:  
This code shall be known as the 2006 Kayenta Township Plumbing Code (KTPC).

B. **101.2 Scope.** Delete this section of the IPC and see KTPC, Scope.

**SECTION 102 APPLICABILITY.** See this section of the IPC, and add the new section as follows.

\*\*\* **Section 102.10 Appendices.** This rule adopts the following appendices.

- (a) Appendix C. Gray Water Recycling Systems
- (b) Appendix D. Degree Day and Design Temperatures
- (c) Appendix E. Sizing of Water Piping System

\*\*\*\* SECTION 109. MEANS OF APPEAL. Delete this section and see Section 112 of the KTBC.

CHAPTER 2 DEFINITIONS: See this chapter of the IPC.

CHAPTER 3 GENERAL REGULATIONS: See this chapter of the IPC except as provided below.

SECTION 304 RODENT PROOFING. See this section of the IPC except add the new section as follows.

\*\*\* Section 304.4.1 Concrete floors. Penetrations or voids through concrete floors shall be grouted to a minimum depth of 2 inches (51mm).

\* Section 305.6.1 Sewer depth. Amend this section to read: Building sewers that connect to private sewage disposal systems shall be a minimum of 18 inches (458mm) below finished grade at the point of septic tank connection. Building sewers dispensing into Navajo Tribal Utility Authority's (NTUA) community sewer system shall be a minimum of 24 inches (610mm) below grade.

CHAPTER 4 FIXTURES, FAUCETS, AND FIXTURE FITTINGS: See this chapter of the IPC except as provided below.

Section 409.3 Waste Connection. See this section of the IPC except add the new section as follows.

\*\*\* Section 409.3.1 Approved Waste Connections. Dishwashing machines shall dispense waste by connection of an approved air gap or air break.

CHAPTER 5 WATER HEATERS: See this chapter of the IPC.

CHAPTER 6 WATER SUPPLY AND DISTRIBUTION: See this chapter of the IPC except as provided below.

SECTION 601 GENERAL. See this section of the IPC except as provided below.

\*\*\* Section 601.3 Existing piping used for grounding. See this section of the IPC except add the new exception as follows.

Exception: Non-metallic piping approved for use if provisions include to ground electrical systems by an approved alternative method.

\*\*\* Section 601.5 Grounding. Add this new section as follows: New installation of metallic water piping systems shall not serve as the required intentional ground for electrical systems.

Section 604 DESIGN OF BUILDING WATER DISTRIBUTION SYSTEM. See this section of the IPC except add the new sections as follows.

\*\*\* Section 604.12 Prohibited building location. Water distribution systems shall not be designed to be located above the ceiling.

Exceptions:

1. Floor-ceiling assemblies.
2. Conditioned attics.
3. Evaporative cooler supply lines properly sleeved.
4. Systems sleeved throughout with positive drainage and dispensed to an approved location.

\*\* **Section 607.2.1 Piping insulation.** Amend this section of the IPC to read as follows: Hot water piping systems shall be insulated to a minimum of R-3.

**Exception:** Hot water system piping below slab/grade and inside the building foundation perimeter.

**Section 608.15.4.2 Hose connections.** See this section of the IPC except add the following new section as follows.

\*\*\* **Section 608.15.4.2.1 Hose-bibb freeze protection.** Hose-bibbs shall be Anti-Siphon Frost Free Sillcock assemblies with shutoff point extending 6 inches (153mm) inside air barrier.

**CHAPTER 7 SANITARY DRAINAGE:** See this chapter of the IPC except as provided below.

**SECTION 701 GENERAL.** See this section of the IPC except add the new section as follows.

\*\*\* **Section 701.10 Grounding.** New installation of metallic waste piping systems shall not serve as the required intentional ground for electrical systems.

**CHAPTER 8 INDIRECT/SPECIAL WASTE:** See this chapter of the IPC except as provided below.

\*\*\*\* **Section 802.1.6 Domestic dishwashing machines.** Delete any condition in this section that approves non-use of an approved air gap or air break.

**CHAPTER 9 VENTS:** See this chapter of the IPC except as provided below.

**SECTION 904 VENT TERMINALS.** See this section of the IPC except add the following new section as follows.

\*\*\* **Section 904.8 UV Protection.** Vent materials listed on TABLE 702.1 susceptible to ultraviolet (UV) rays exposure shall be protected by approved materials suitable to UV rays exposure.

**CHAPTER 10 TRAPS, INTERCEPTORS AND SEPERATORS:** See this chapter of the IPC.

**CHAPTER 11 STORM DRAINS:** See this chapter of the IPC.

**CHAPTER 12 SPECIAL PIPING AND STORAGE SYSTEMS:** See this chapter of the IPC.

**CHAPTER 13 REFERENCED STANDARDS:** See this chapter of the IPC.

**APPENDIX C GRAY WATER RECYCLING SYSTEMS:** See this appendix of the IPC.

**APPENDIX D DEGREE DAY AND DESIGN TEMPERATURES:** See this appendix of the IPC.

**APPENDIX E SIZING OF WATER PIPING SYSTEM:** See this appendix of the IPC.

## SUBCHAPTER 5

### 2005 KAYENTA TOWNSHIP ELECTRICAL CODE

**11-501 AUTHORITY HAVING JURISDICTION:** Kayenta Township Building and Safety Department.

**11-502 SCOPE:** This rule applies to all contracting mechanical work performed in Kayenta, Arizona on or after Effective Date, as defined below, that is subject to the jurisdiction of Building and Safety Department (KTBSD), unless performed pursuant to a permit for which an application was received by KTBSD before such date.

**11-503 STATUTORY AUTHORITY:** Kayenta Township Building Codes, Chapter 11 of the Kayenta Township Code of Ordinances, as adopted by Resolution KTC AU-\_\_-11.

**11-504 DURATION:** Perpetual

**11-505 ADOPTION DATE:** August 8

**11-506 EFFECTIVE DATE:** August 15

**11-507 OBJECTIVE:** The purpose of this rule is to establish minimum standards of electrical wiring, protection, installation and maintenance of as defined in the 2005 edition of the National Electrical Code (NEC) in Kayenta, Arizona.

**11-508 DEFINITIONS:** The provisions in Article 100 in the 2005 NEC as amended in this document shall apply.

**11-509 ADOPTION OF THE 2005 NATIONAL ELECTRICAL CODE:**

1. This rule adopts by reference the 2005 NEC, as amended by this rule.
2. In this rule, each provision is numbered to correspond with the numbering of the 2005 NEC.
3. This rule shall apply in conjunction with the 2010 International Green Construction Code (IGCC).

**ARTICLE 90 INTRODUCTION:** See this article of the NEC.

**CHAPTER 1 GENERAL:** See this chapter of the NEC except as provided below.

- \* **Article 110.2 Approval.** Amend the statement of this article of the NEC to read as follows: The conductors and equipment required or permitted by this *Code* shall have the listing, labeling and approval of a nationally recognized testing laboratory recognized by the Occupational Safety and Health Administration (OSHA).

**CHAPTER 2 WIRING AND PROTECTION:** See this chapter of the NEC except as provided below.

**Article 210.11 Branch Circuits Required.** See this article of the NEC except as provided below.

- \*\* **(A) Number of Branch Circuits.** See this section of the NEC and add the following: In dwelling occupancies, circuits for general purpose receptacles shall

be limited to a maximum of ten (10) current consuming outlets. Single and duplex receptacles are considered one (1) current consuming outlet.

**Exception:** Circuits serving only lighting loads may be calculated according to article 220 of the NEC.

**(C) Dwelling Units.** See this section of the NEC except as provided below.

\*\*

**(1) Small-Appliance Branch Circuits.** See this section of the NEC and add the following: Not more than four (4) current consuming outlets shall be connected to these circuits. Single and duplex receptacles are considered one (1) current consuming outlet.

**Exception:** Small appliance circuits that supply only dining area receptacles may serve a maximum of six (6) current consuming outlets. Single and duplex receptacles are considered one (1) current consuming outlet.

\*

**(2) Laundry Branch Circuits.** Amend the statement in this section of the NEC to read as follows: In addition to the number of required branch circuits required by other parts of this section, at least one additional twenty (20) ampere branch circuit shall be provided to supply the laundry receptacle outlet. Such circuits shall have no other outlets.

\*\*

**Article 210.52 (G).** See this section of the NEC and add the following: Receptacle outlets shall be installed a minimum of 18 inches (458mm) above finished floor in attached or detached garages.

**Article 210.70 Lighting Outlets Required.** See this article of the NEC except as provided below.

**(A) Dwelling Units.** See this section of the NEC except as provided below.

\*

**(1) Habitable Rooms.** Amend the text of this section in the NEC to read as follows: At least one readily accessible wall switch-controlled lighting outlet shall be installed and located within every habitable room and bathroom the lighting outlet serves.

**(2) Additional Locations.** See this section of the NEC and add a new subsection as follows.

\*\*

**(d)** In Single-Family Dwellings at least one wall switch shall be located within 5 feet (1.6m) from each entrance or exit to illuminate the means of egress.

**Exception:** Lighting switch controlled by motion detector.

**CHAPTER 3 WIRING METHODS AND MATERIALS:** See this chapter of the NEC except as provided below.

**Article 358.12 Uses Not Permitted.** See this article of the NEC except add the new condition as follows.

\*\*\*

**(7)** Electrical Metallic Tubing (Type EMT) shall not be permitted to be installed underground or in concrete slabs or walls which are in contact with the earth and shall not serve as the required intentional ground.

**CHAPTER 4 EQUIPMENT FOR GENERAL USE:** See this chapter of the NEC except as provided below.

**Article 422 Appliances.** See this article of the NEC except add the new article as follows.

\*

**Article 422.19 Evaporative Cooling Units.** Where an evaporative cooler is installed, a listed raceway shall be installed during rough-in from the control point to the evaporative cooler location. The raceway shall contain an equipment grounding conductor from the control point outlet box to the junction box at the unit. The equipment grounding conductor shall be sized in accordance with table 250.122.

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**CHAPTER 5 SPECIAL OCCUPANCIES:** See this chapter of the NEC.

**CHAPTER 6 SPECIAL EQUIPMENT:** See this chapter of the NEC.

**CHAPTER 7 SPECIAL CONDITIONS:** See this chapter of the NEC.

**CHAPTER 8 COMMUNICATIONS SYSTEMS:** See this chapter of the NEC.

**CHAPTER 9 TABLES:** See this chapter of the NEC.

## SUBCHAPTER 6

### 2006 INTERNATIONAL EXISTING BUILDING CODE

**11-601 AUTHORITY HAVING JURISDICTION:** Kayenta Township Building and Safety Department.

**11-602 SCOPE:** This rule applies to all construction activity of existing building(s) or structure(s) that repair, alter, enlarge, relocate, and change the occupancy or use of all building(s) or structure(s) in Kayenta, Arizona on or after Effective Date, as defined below, that is subject to the jurisdiction of the Kayenta Township Building and Safety Department (KTBSD) pursuant to a building permit for which an application was received by the KTBSD before such date. Any repair, alteration or addition to such building(s) or structure(s) that is associated with a change of occupancy, and any construction not addressed in the International Existing Building Code (IEBC), shall be subject to the Kayenta Township Building Code (KTBC) or the Kayenta Township Residential Code (KTRC).

**11-603 STATUTORY AUTHORITY:** Kayenta Township Building Codes, Chapter 11 of the Kayenta Township Code of Ordinances, as adopted by Resolution KTCAU-\_\_-11.

**11-604 DURATION:** Perpetual

**11-605 ADOPTION DATE:** August 8

**11-606 EFFECTIVE DATE:** September 1, 2011

**11-607 OBJECTIVE:** The purpose of this rule is to establish minimum standards for construction or alteration of existing building(s) or structure(s) in Kayenta, Arizona.

**11-608 ADOPTION OF THE 2006 INTERNATIONAL EXISTING BUILDING CODE:**

1. This rule adopts the 2006 International Existing Building Code (IEBC), as amended in this document.
2. In this rule, each provision is numbered to correspond with the numbering of the 2006 IEBC.
3. This rule shall apply in conjunction with the 2010 International Green Construction Code PV 2.0 (IGCC).

**CHAPTER 1 ADMINISTRATION:** See this chapter of the IEBC except as provided below.

\* **SECTION 101 GENERAL.** See this section of the IEBC except as provided below.

- A. **101.1 Title.** Amend the statement of this section in the IEBC to read; These regulations shall be known as the Kayenta Township Existing Building Code (KTIEBC), hereinafter referred to as "this code."
- B. **101.2 Scope.** See this section of the IEBC.
- C. **101.7 Appendices.** This rule adopts the appendices of the IEBC.
- \*\*\*\* D. **Section 112 Board of Appeals.** Delete this section and see Section 112 of the KTBC.

**CHAPTER 2 DEFINITIONS:** See this chapter of the IEBC except as provided below.

**CHAPTER 3 PRESCRIPTIVE COMPLIANCE METHOD:** See this chapter of the IEBC.

**CHAPTER 4 CLASSIFICATION OF WORK:** See this chapter of the IEBC.

**CHAPTER 5 REPAIRS:** See this chapter of the IEBC.

**CHAPTER 6 ALTERATIONS – LEVEL 1:** See this chapter of the IEBC.

**CHAPTER 7 ALTERATIONS – LEVEL 2:** See this chapter of the IEBC.

**CHAPTER 8 ALTERATIONS – LEVEL 3:** See this chapter of the IEBC.

**CHAPTER 9 CHANGE OF OCCUPANCY:** See this chapter of the IEBC.

**CHAPTER 10 ADDITIONS:** See this chapter of the IEBC.

**CHAPTER 11 HISTORIC BUILDINGS:** See this chapter of the IEBC.

**CHAPTER 12 RELOCATED OR MOVED BUILDINGS:** See this chapter of the IEBC.

**CHAPTER 13 PERFORMANCE COMPLIANCE METHODS:** See this chapter of the IEBC.

**CHAPTER 14 CONSTRUCTION SAFEGAURDS:** See this chapter of the IEBC.

**CHAPTER 15 REFERENCED STATDARDS:** See this chapter of the IEBC.

**APPENDIX A GUIDELINES FOR THE SEISMIC RETROFIT OF EXSITING BUILDING:** See this appendix of the IEBC.

**APPENDIX B SUPPLEMENTARY ACCESSIBILITY REQUIREMENTS FOR EXISTING BUILDINGS AND FACILITIES:** See this appendix of the IEBC.

## SUBCHAPTER 7

### 2006 INTERNATIONAL FUEL GAS CODE

**11-701 AUTHORITY HAVING JURISDICTION:** Kayenta Township Building and Safety Department.

**11-702 SCOPE:** See the scope of the International Fuel Gas Code.

**11-703 STATUTORY AUTHORITY:** Kayenta Township Building Codes, Chapter 11 of the Kayenta Township Code of Ordinances, as adopted by Resolution KTCAU-\_\_-11.

**11-704 DURATION:** Perpetual

**11-705 ADOPTION DATE:** August 8

**11-706 EFFECTIVE DATE:** September 1, 2011

**11-707 OBJECTIVE:** The purpose of this rule is to establish minimum standards for gas systems that convey, utilize, expel, or exhaust with the conditions that apply in section 101.2.4, in Kayenta, Arizona.

**11-708 ADOPTION OF 2006 INTERNATIONAL FUEL GAS CODE:**

1. This rule adopts the 2006 International Fuel Gas Code (IFGC), as amended in this document.
2. In this rule, each provision is numbered to correspond with the numbering of the 2006 IFGC.
3. This rule shall apply in conjunction with, the 2010 International Green Construction Code 2.0 (IGCC).

**CHAPTER 1 ADMINISTRATION:** See this chapter of the IFGC except as provided below.

\* **SECTION 101 GENERAL.** See this section of the IFGC except as provided below.

- A. **101.1 Title.** Amend the statement in this section of the IFGC to read as follows: These regulations shall be known as the Kayenta Township Fuel Gas Code, hereinafter referred to as "this code."
- B. **101.3 Appendices.** This rule adopts the following appendices herein:
  - (a) **Appendix B.** Sizing of Venting Systems serving Appliances equipped with Draft Hoods, Category 1 Appliances, and Appliances for use with TYPE-B Vents.
  - (b) **Appendix C.** Exit terminations of Mechanical Draft and Direct-Vent Venting Systems.

\*\*\*\* **SECTION 109 MEANS OF APPEAL.** Delete this section and see Section 112 of the KTBC.

**CHAPTER 2 DEFINITIONS:** See this chapter of the IFGC.

**CHAPTER 3 GENERAL REGULATIONS:** See this chapter of the IFGC.

**CHAPTER 4 GAS PIPING INSTALLATIONS:** See this chapter of the IFGC.

**CHAPTER 5 CHIMNEYS AND VENTS:** See this chapter of the IFGC.

**CHAPTER 6 SPECIFIC APPLIANCES:** See this chapter of the IFGC.

**CHAPTER 7 GASEOUS HYDROGEN SYSTEMS:** See this chapter of the IFGC.

**CHAPTER 8 REFERENCED STANDARDS:** See this chapter of the IFGC.

**APPENDIX B SIZING OF VENTING SYSTEMS SERVING APPLIANCES EQUIPPED WITH DRAFT HOODS, CATEGORY 1, AND APPLIANCES LISTED FOR USE WITH TYPE-B VENTS:** See this appendix of the IFGC.

**APPENDIX C EXIT TERMINALS OF MECHANICAL DRAFT AND DIRECT-VENT VENTING SYSTEMS:** See this appendix of the IFGC.

## SUBCHAPTER 8

### 2009 INTERNATIONAL ENERGY CONSERVATION CODE

**11-801 AUTHORITY HAVING JURISDICTION:** Kayenta Township Building and Safety Department.

**11-802 SCOPE:** See the scope of the International Energy Conservation Code.

**11-803 STATUTORY AUTHORITY:** Kayenta Township Building Codes, Chapter 11 of the Kayenta Township Code of Ordinances, as adopted by Resolution KTCAU-\_\_-11.

**11-804 DURATION:** Perpetual

**11-805 ADOPTION DATE:** August 8

**11-806 EFFECTIVE DATE:** February 1, 2012

**11-807 OBJECTIVE:** The purpose of this rule is to establish minimum standards of energy conservation for construction conditions defined by the "Scope" of the 2006 Kayenta Township Building Code (KTBC) and the Kayenta Township Residential Building Code (KTRC) in Kayenta, Arizona.

**11-808 ADOPTION OF THE 2009 INTERNATIONAL ENERGY CONSERVATION CODE:**

1. This rule adopts the 2009 IECC, as amended in this document.
2. In this rule, each provision is numbered to correspond with the numbering of the 2009 IECC.
3. This rule shall apply in conjunction with the 2010 International Green Construction Code (IGCC).

**CHAPTER 1 ADMINISTRATION:** See Parts 1 and 2 in this chapter of the IECC except as provided below.

**SECTION 101 SCOPE AND GENERAL REQUIREMENTS.** See this section of the IECC except as provided below.

\* **Section 101.1 Title.** Amend the statement in this section of the IECC to read as follows:  
This code shall be known as the Kayenta Township International Energy Conservation Code of the Kayenta Township, hereinafter referred to as "this Code."

\*\*\*\* **SECTION 109 BOARD OF APPEALS.** Delete this section and see Section 112 of the KTBC.

**CHAPTER 2 DEFINITIONS:** See this chapter of the IECC.

**CHAPTER 3 GENERAL REQUIREMENTS:** See this chapter of the IECC.

**CHAPTER 4 RESIDENTIAL ENERGY EFFICIENCY:** See this chapter of the IECC.

**CHAPTER 5 COMMERCIAL ENERGY EFFICIENCY:** See this chapter of the IECC.

**CHAPTER 6 REFERENCED STANDARDS:** See this chapter of the IECC.

## SUBCHAPTER 9

### 2010 INTERNATIONAL GREEN CONSTRUCTION CODE PV 2.0

**11-901 AUTHORITY HAVING JURISDICTION:** Kayenta Township Building and Safety Department.

**11-902 SCOPE:** See the scope of the International Green Construction Code.

**11-903 STATUTORY AUTHORITY:** Kayenta Township Building Codes, Chapter 11 of the Kayenta Township Code of Ordinances, as adopted by Resolution KTC AU-\_\_-11.

**11-904 DURATION:** Perpetual

**11-905 ADOPTION DATE:** August 8

**11-906 EFFECTIVE DATE:** August 15

**11-907 OBJECTIVE:** The purpose of this rule is to establish minimum standards for voluntary participation in the intent of the International Green Construction Code to occupancy classifications defined in the "scope" of the 2006 Kayenta Township Commercial Building Code (KTCBC).

**11-908 ADOPTION OF THE 2010 INTERNATIONAL GREEN CONSTRUCTION CODE:**

- A. This rule adopts the 2010 International Green Construction Code (IgCC), as amended in this document.
- B. In this rule, each provision is numbered to correspond with numbering of the 2010 IgCC.
- C. This rule shall apply as voluntary participation until amended otherwise.

**CHAPTER 1 ADMINISTRATION:** See this chapter of the IgCC except as provided below.

**SECTION 101 GENERAL.** See this section of the IgCC except as provided below.

- \* **A. 101.1 Title.** Amend the statement in this section of the IgCC to read as follows: These regulations shall be known as the International Green Construction Code of the Kayenta Township, hereinafter referred to as "this green code."
- B. 102.1 Appendices.** This rule adopts the following appendix.
  - (a) **Appendix D.** Enforcement Procedures.

\*\*\*\* **SECTION 108. BOARD OF APPEALS.** Delete this section and see Section 112 of the KTBC.

**CHAPTER 2 DEFINITIONS:** See this chapter of the IgCC.

**CHAPTER 3 JURISDICTIONAL REQUIREMENTS AND PROJECT ELECTIVES:** See this chapter of the IgCC.

**CHAPTER 4 SITE DEVELOPMENT AND LAND USE:** See this chapter of the IgCC.

**CHAPTER 5 MATERIAL RESOURCES CONSERVATION AND EFFICIENCY:** See this chapter of the IgCC.

**CHAPTER 6 ENERGY CONSERVATION, EFFICIENCY AND ATMOSPHERIC QUALITY:** See this chapter of the IgCC.

**CHAPTER 7 WATER RESOURCE CONSERVATION AND EFFICIENCY:** See this chapter of the IgCC.

**CHAPTER 8 INDOOR ENVIRONMENTAL QUALITY AND COMFORT:** See this chapter of the IgCC.

**CHAPTER 9 COMMISSIONING, OPERATION AND MAINTENANCE:** See this chapter of the IgCC.

**CHAPTER 10 EXISTING BUILDINGS:** See this chapter of the IgCC.

**CHAPTER 11 EXISTING BUILDING SITE DEVELOPMENT:** See this chapter of the IgCC.

**CHAPTER 12 REFERENCED STANDARDS:** See this chapter of the IgCC.

**APPENDIX D ENFORCEMENT PROCEDURES:** See this appendix of the IgCC.

**RESOLUTION OF THE KAYENTA TOWNSHIP COMMISSION**

**Approving the Adoption of the 2006 International Building Code, 2006 International Residential Code, 2006 International Plumbing Code, 2006 International Mechanical Code, 2005 National Electrical Code, 2009 Arizona Register of Contractors Workmanship Standards for Licensed Contactors, and the 1997 Uniform Administrative Code Tables 3A-3H Permit Fees.**

**WHEREAS:**

1. The Kayenta Township Commission (KTC) has the authority and responsibility to govern for the welfare of the Kayenta Township (Township) and its residents, including the enactment of such ordinances, rules, and regulations as it deems in the best interest of the Township; and
2. Pursuant to this authority, the KTC desires to adopt the 2006 International Building Code, the 2006 International Residential Code, the 2006 International Plumbing Code, the 2006 International Mechanical Code, the 2005 National Electrical Code, the 2009 Arizona Register of Contractors Workmanship Standards for Licensed Contractors, and the 1997 Uniform Administrative Code Tables 3A-3H Permit Fees within the Kayenta Township, a political subdivision and an agency of the Navajo Nation, charged with providing economic and community development, including authorities for local land use planning within the boundary of the Township as sanctioned and prescribed in the Navajo Nation Council Resolution CN-86-85, codified at 2 N.N.C. §§ 4081-4086; and
3. The adoption of these Building Codes will allow a national standard of construction for new, renovated, altered, or reconditioned structures within the political jurisdiction of the Kayenta Township; and
4. This resolution will also allow designers, architects, engineers, contractors, and financial institutions/providers critical information needed during the planning stages of construction; and
5. Approval of these building codes will benefit residents of the Kayenta area and the Township staff recommends approval of this resolution.

**NOW THEREFORE BE IT RESOLVED THAT:**

1. The Kayenta Township hereby approves the adoption of the 2006 International Building Code, the 2006 International Residential Code, the 2006 International Plumbing Code, the 2006 International Mechanical Code, the 2005 National Electrical Code, the 2009 Arizona Register of Contractors Workmanship Standards for Licensed Contractors and the 1997 Uniform Administrative Code Tables 3A-3H Permit Fees. This includes standards referenced within these codes.
2. Acknowledgement and enforcement these building codes will be the responsibility of Township staff, or its designated representative, subject to KTC approval.

3. The Kayenta Township Commission hereby authorizes the Chairperson to approve the resolution on behalf of the Commission and authorizes the Town Manager to complete the necessary documents for further approval by Navajo County and the State of Arizona on behalf of the Kayenta Township.

**CERTIFICATION**

I hereby certify that the foregoing resolution was duly considered by the Kayenta Township Commission at a duly called meeting in Kayenta, Navajo County (Arizona), at which quorum was present and that same was passed by a vote of 4 in favor, 0 opposed, and 0 abstained, on this 9<sup>th</sup> day of August, 2010.

Motion: Commissioner Greyeyes

Second: Commissioner Yazzie

  
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Helen Bonnaha, Chairperson  
Kayenta Township Commission