



Listing and Technical Evaluation Report™

A Duly Authenticated Report from an Approved Agency

Report No: 2212-04



Issue Date: May 9, 2023 Revision Date: June 14, 2025

Subject to Renewal: July 1, 2026

Taylor Power Systems[®] Generator Enclosures

Trade Secret Report Holder:

Taylor Power Systems®

Phone: 601-932-5674

CSI Designations: DIVISION: 26 00 00 - ELECTRICAL

Section: 26 32 00 - Packaged Generator Assemblies

Website: www.taylorpowergenerators.com

1 Innovative Products Evaluated¹

- 1.1 Taylor Power Systems Generator Enclosures:
 - 1.1.1 TG100-80
 - 1.1.2 TG150-125
 - 1.1.3 TG300-200
 - 1.1.4 TG450-350
 - 1.1.5 TD450-550
 - 1.1.6 TD600
 - 1.1.7 TD750





2 Product Description and Materials

2.1 The innovative products evaluated in this report are shown in **Figure 1** through **Figure 7**.



Figure 1. TG100-80 Enclosure



Figure 2. TG150-125 Enclosure



















Figure 5. TD450-550 Enclosure



Figure 6. TD600 Enclosure







Figure 7. TD750 Enclosure

2.2 General

- 2.2.1 TG450-350, TG300-200, TG150-125, TG100-80, TD450-550, TD600, and TD750 are wind enclosures for Taylor Power Systems generators. The enclosure must bear the official insignia of Taylor Power Systems for this report to be applicable and valid.
- 2.2.2 The dimensions of each of the assemblies can be found in **Table 1**.

Table 1.	Taylor Power	Systems	Generator	Enclosures	Dimensions
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Product Name	Overall Width (in)	Overall Height (in)	Overall Length (in)	Total Weight (lbs)		
TG100-80	46.38	64.13	120.13	2,330		
TG150-125	58.63	72.15	132.63	3,450		
TD300-200	75.38	94.25	154.63	6,440		
TG450-350	91	106.44	191	10,895		
TD450-550	66	420,401	196	12,500		
TD600	76	130.42	224	15,436		
TD750	97	148.25 ¹	239	20,197		
SI: 1 in = 25.4 mm, 1 lb = 0.4536 kg 1. This includes a 36" fuel tank base.						





- 2.2.3 The enclosure is placed around the power generator and anchored by ¹/₂" diameter Hilti KwikBolt TZ2 expansion anchors with at least 2¹/₂" nominal embedment to a level concrete slab that has a minimum thickness of 3³/₈" and a minimum compressive strength of 3,000 psi.
 - 2.2.3.1 Anchors shall be installed at least 3" from the edge of the slab and should be installed in all of the predrilled anchor locations. That is six (6) anchors per side for twelve (12) anchors total.

2.3 Materials

- 2.3.1 The exterior enclosure panels are made from 1/8" thick ASTM B209-14 compliant aluminum.
- 2.3.2 The bottom skid is made from ¹/₄" thick ASTM A36 compliant steel.
- 2.3.3 3MV[™] VHB[™] Structural Tape is used to hold bracings to the exterior panels.
- 2.3.4 The door hinges are made from 304 stainless steel.
- 2.3.5 The bolts and washers used are Grade 8 and made from zinc yellow-chromate.
- 2.3.6 The nuts used are Grade 8 and made from high strength steel.
- 2.3.7 The bolts, nuts, and washers used are all coated in Magni[™] 565, which provides corrosion resistance.
- 2.4 As needed, review material properties for design in **Section 6** and the regulatory evaluation in **Section 8**.

3 Definitions²

- 3.1 <u>New Materials³</u> are defined as building materials, equipment, appliances, systems, or methods of construction, not provided for by prescriptive and/or legislatively adopted regulations, known as alternative materials.⁴ The <u>design strength</u> and permissible stresses shall be established by tests⁵ and/or engineering analysis.⁶
- 3.2 <u>Duly authenticated reports</u>⁷ and <u>research reports</u>⁸ are test reports and related engineering evaluations that are written by an <u>approved agency</u>⁹ and/or an <u>approved source</u>.¹⁰
 - 3.2.1 These reports utilize intellectual property and/or trade secrets to create public domain material properties for commercial end-use.
 - 3.2.1.1 This report protects confidential Intellectual Property and trade secretes under the regulation, <u>18.US.Code.90</u>, also known as <u>Defend Trade Secrets Act of 2016</u> (DTSA).¹¹
- 3.3 An approved agency is *"approved"* when it is <u>ANAB ISO/IEC 17065 accredited</u>. DrJ Engineering, LLC (DrJ) is accredited and listed in the <u>ANAB directory</u>.
- 3.4 An <u>approved source</u> is *"approved"* when a professional engineer (i.e., <u>Registered Design Professional</u>, hereinafter <u>RDP</u>) is properly licensed to transact engineering commerce. The regulatory authority governing approved sources is the <u>state legislature</u> via its professional engineering regulations.¹²
- 3.5 Testing and/or inspections conducted for this <u>duly authenticated report</u> were performed by an <u>ISO/IEC 17025</u> <u>accredited testing laboratory</u>, an <u>ISO/IEC 17020 accredited inspection body</u>, and/or a licensed <u>RDP</u>.
 - 3.5.1 The Center for Building Innovation (CBI) is ANAB¹³ ISO/IEC 17025 and ISO/IEC 17020 accredited.
- 3.6 The regulatory authority shall <u>enforce</u>¹⁴ the specific provisions of each legislatively adopted regulation. If there is a non-conformance, the specific regulatory section and language of the non-conformance shall be provided in <u>writing</u>¹⁵ stating the nonconformance and the path to its cure.
- 3.7 The regulatory authority shall accept <u>duly authenticated reports</u> from an <u>approved agency</u> and/or an <u>approved</u> <u>source</u> with respect to the quality and manner of use of new materials or assemblies as provided for in regulations regarding the use of alternative materials, designs, or methods of construction.¹⁶





- 3.8 ANAB is an <u>International Accreditation Forum</u> (IAF) <u>Multilateral Recognition Arrangement</u> (MLA) signatory. Therefore, recognition of certificates and validation statements issued by conformity assessment bodies accredited by all other signatories of the IAF MLA with the appropriate scope shall be approved.¹⁷ Thus, all ANAB ISO/IEC 17065 <u>duly authenticated reports</u> are approval equivalent,¹⁸ and can be used in any country that is an MLA signatory found at this link: <u>https://iaf.nu/en/recognised-abs/</u>
- 3.9 Approval equity is a fundamental commercial and legal principle.¹⁹

4 Applicable Local, State, and Federal Approvals; Standards; Regulations²⁰

- 4.1 Local, State, and Federal
 - 4.1.1 Approved in all local jurisdictions pursuant to ISO/IEC 17065 <u>duly authenticated report</u> use, which includes the following featured local jurisdictions and is not limited to: Austin, Baltimore, Broward County, Chicago, Clark County, Dade County, Dallas, Detroit, Denver, DuPage County, Fort Worth, Houston, Kansas City, King County, Knoxville, Las Vegas, Los Angeles City, Los Angeles County, Miami, Nashville, New York City, Omaha, Philadelphia, Phoenix, Portland, San Antonio, San Diego, San Jose, San Francisco, Seattle, Sioux Falls, South Holland, Texas Department of Insurance, and Wichita.²¹
 - 4.1.2 Approved in all state jurisdictions pursuant to ISO/IEC 17065 <u>duly authenticated report</u> use, which includes the following featured states, and is not limited to: California, Florida, New Jersey, Oregon, New York, Texas, Washington, and Wisconsin.²²
 - 4.1.3 Approved by the Code of Federal Regulations Manufactured Home Construction: Pursuant to Title 24, Subtitle B, Chapter XX, Part 3282.14²³ and Part 3280²⁴ pursuant to the use of ISO/IEC 17065 <u>duly</u> <u>authenticated reports</u>.
 - 4.1.4 Approved means complying with the requirements of local, state, or federal legislation.
- 4.2 Standards
 - 4.2.1 ASCE/SEI 7: Minimum Design Loads and Associated Criteria for Buildings and Other Structures
 - 4.2.2 ASTM A36: Standard Specification for Carbon Structural Steel
 - 4.2.3 ASTM A1011: Standard Specification for Steel, Sheet and Strip, Hot-Rolled, Carbon, Structural, High Strength Low-Alloy, High-Strength Low-Alloy with Improved Formability, and Ultra-High Strength
 - 4.2.4 ASTM B209-14: Standard Specification for Aluminum and Aluminum-Alloy Sheet and Plate

4.3 Regulations

- 4.3.1 IBC 15, 18, 21, 24: International Building Code®
- 4.3.2 IRC 15, 18, 21, 24: International Residential Code®

5 Listed²⁵

5.1 Equipment, materials, products, or services included in a List published by a <u>nationally recognized testing</u> <u>laboratory</u> (i.e., CBI), an <u>approved agency</u> (i.e., CBI and DrJ), and/or and <u>approved source</u> (i.e., DrJ), or other organization(s) concerned with product evaluation (i.e., DrJ), that maintains periodic inspection (i.e., CBI) of production of listed equipment or materials, and whose listing states either that the equipment or material meets nationally recognized standards or has been tested and found suitable for use in a specified manner.





6 Tabulated Properties Generated from Nationally Recognized Standards

6.1 Wind Resistance

6.1.1 Wind pressure analysis was conducted following ASCE 7-16 Section 30.3. Only the TG450-350 and TD750 were analyzed, as they are the largest. The smaller models can be assumed to have the same or better results. The assembly is considered to be ground level and in Exposure Category D with an ultimate wind speed of 186 mph. The results of the analysis are shown in **Table 2**.

TABLE Z. TAYIOL FUWEL SYSTEMS GENELATOR ENCLOSULES WITH FLESSULE ANALYSI

Product Name	Ultimate Wind Speed, V _{ult} (mph)	Maximum Positive Wind Pressure ² (psf)	Maximum Negative Wind Pressure ³ (psf)	
TG450-350	196	27.0	66 F	
TD750	100	37.2	00.5	
SI: 1 in = 25.4 mm	•			

SI: 1 in = 25.4 mm

1. Analysis conducted following ASCE 7-16 Section 30.3. Assumptions are as follows:

a. Exposure Category D, a structure height of <15-feet, K_z=1.03, Topographic Factor: K_{zt}=1.0, Ground Elevation Factor: K_e=1.0,Internal Pressure Coefficient, GC_{pi}=+/-0.18 for an enclosed building, K_d = 0.85 for 'Component and Cladding

2. Wind pressure based on the following: GCp= 0.8 for Zone 4 and 5 with an Effective Wind Area of 138 ft²

3. Wind pressure based on the following: GC_p = -1.25 for Zone 5 and an Effective Wind Area of 25 ft²

6.2 Where the application falls outside of the performance evaluation, conditions of use, and/or installation requirements set forth herein, alternative techniques shall be permitted in accordance with accepted engineering practice and experience. This includes but is not limited to the following areas of engineering: mechanics or materials, structural, building science, and fire science.

7 Certified Performance²⁶

- 7.1 All construction methods shall conform to accepted engineering practices to ensure durable, livable, and safe construction and shall demonstrate acceptable workmanship reflecting journeyman quality of work of the various trades.²⁷
- 7.2 The strength and rigidity of the component parts and/or the integrated structure shall be determined by engineering analysis or by suitable load tests to simulate the actual loads and conditions of application that occur.²⁸

8 Regulatory Evaluation and Accepted Engineering Practice

- 8.1 Taylor Power Systems Generator Enclosures comply with the following legislatively adopted regulations and/or accepted engineering practice for the following reasons:
 - 8.1.1 TG450-350, TG300-200, TG150-125, TG100-80, TD450-550, TD600, and TD750 were evaluated to determine the allowable design wind speed and wind pressure in accordance with <u>IBC Section 1609.3</u> and ASCE 7-16 Section 30.3.
- 8.2 Any building code, regulation and/or accepted engineering evaluations (i.e., <u>research reports</u>, <u>duly</u> <u>authenticated reports</u>, etc.) that are conducted for this Listing were performed by DrJ, which is an <u>ISO/IEC</u> <u>17065 accredited certification body</u> and a professional engineering company operated by <u>RDP</u> or <u>approved</u> <u>sources</u>. DrJ is qualified²⁹ to practice product and regulatory compliance services within its <u>scope of</u> <u>accreditation and engineering expertise</u>, ³⁰ respectively.
- 8.3 Engineering evaluations are conducted with DrJ's ANAB <u>accredited ICS code scope</u> of expertise, which is also its areas of professional engineering competence.
- 8.4 Any regulation specific issues not addressed in this section are outside the scope of this report.





9 Installation

- 9.1 Installation shall comply with the approved construction documents, the manufacturer installation instructions, this report, and the applicable building code.
- 9.2 In the event of a conflict between the manufacturer installation instructions and this report, contact the manufacturer for counsel on the proper installation method.
- 9.3 TG Generator Installation Procedure

9.3.1 *Concrete Slab:*

- 9.3.1.1 A concrete slab with a minimum thickness of 3³/₈" at 3,000 psi must be provided. The assembly will be mounted directly to the slab using the layouts shown below in **Figure 8** through **Figure 11** (all units are in inches).
- 9.3.1.2 The generator enclosure assemblies will be anchored to the concrete slab using 1/2" diameter Hilti KWIK Bolt 3 or equivalent with a 1" minimum washer. All Anchor points must be at least 3" from the edge of the concrete slab with an embedment of $2^{1}/4$ ".



Figure 8. TG 100-80 Anchor Points







Figure 9. TG 150-125 Anchor Points



Figure 10. TG 300-200 Anchor Points







Figure 11. TG 450-350 Anchor Points

- 9.4 TD Generator Installation Procedure
 - 9.4.1 Generator shall be installed on top of the Taylor Power Systems provided fuel tank as noted in **Figure 5**, **Figure 6**, and **Figure 7**.

10 Substantiating Data

- 10.1 Testing has been performed under the supervision of a professional engineer and/or under the requirements of ISO/IEC 17025 as follows:
 - 10.1.1 Design wind speed and wind pressure calculations in accordance with <u>IBC Section 1609.3</u> and ASCE 7-16 Section 30.3 performed by DrJ Engineering LLC
- 10.2 Information contained herein may include the result of testing and/or data analysis by sources that are <u>approved agencies</u>, <u>approved sources</u>, and/or an <u>RDP</u>. Accuracy of external test data and resulting analysis is relied upon.
- 10.3 Where applicable, testing and/or engineering analysis are based upon provisions that have been codified into law through state or local adoption of regulations and standards. The developers of these regulations and standards are responsible for the reliability of published content. DrJ's engineering practice may use a regulation-adopted provision as the control. A regulation-endorsed control versus a simulation of the conditions of application to occur establishes a new material as <u>being equivalent</u> to the regulatory provision in terms of quality, <u>strength</u>, effectiveness, <u>fire resistance</u>, durability, and safety.





- 10.4 The accuracy of the provisions provided herein may be reliant upon the published properties of raw materials, which are defined by the grade mark, grade stamp, mill certificate, or <u>duly authenticated reports</u> from <u>approved</u> <u>agencies</u> and/or <u>approved sources</u> provided by the supplier. These are presumed to be minimum properties and relied upon to be accurate. The reliability of DrJ's engineering practice, as contained in this <u>duly</u> <u>authenticated report</u>, may be dependent upon published design properties by others.
- 10.5 Testing and Engineering Analysis:
 - 10.5.1 The strength, rigidity, and/or general performance of component parts and/or the integrated structure are determined by suitable tests that simulate the actual conditions of application that occur and/or by accepted engineering practice and experience.³¹
- 10.6 Where additional condition of use and/or regulatory compliance information is required, please search for Taylor Power Systems Generator Enclosures (TG450-350, TG300-200, TG150-125, TG100-80, TD450-550, TD600, or TD750) on the <u>DrJ Certification website</u>.

11 Findings

- 11.1 As outlined in **Section 6**, Taylor Power Systems Generator Enclosures have performance characteristics that were tested and/or meet applicable regulations. In addition, they are suitable for use pursuant to its specified purpose.
- 11.2 When used and installed in accordance with this <u>duly authenticated report</u> and the manufacturer installation instructions, Taylor Power Systems Generator Enclosures shall be approved for the following applications:
 - 11.2.1 Use at ground level at Exposure Category D with an ultimate wind speed of 186 mph, according to <u>IBC</u> <u>Section 1609.3</u> and ASCE 7-16 Section 30.3.
 - 11.2.2 Use inside and outside the High-Velocity Hurricane Zone.
- 11.3 Any application specific issues not addressed herein can be engineered by an <u>RDP</u>. Assistance with engineering is available from Taylor Power Systems.
- 11.4 IBC Section 104.2.3 (IRC Section R104.2.2 and IFC Section 104.2.3³² are similar) in pertinent part state:

104.2.3 Alternative Materials, Design and Methods of Construction and Equipment. The provisions of this code are not intended to prevent the installation of any material or to prohibit any design or method of construction not specifically prescribed by this code, provided that any such alternative is not specifically prohibited by this code and has been approved.

- 11.5 Approved: ³³ Building regulations require that the building official shall accept duly authenticated reports. ³⁴
 - 11.5.1 An approved agency is "approved" when it is ANAB ISO/IEC 17065 accredited.
 - 11.5.2 An <u>approved source</u> is *"approved"* when an <u>RDP</u> is properly licensed to transact engineering commerce.
 - 11.5.3 Federal law, <u>Title 18 US Code Section 242</u>, requires that, where the alternative product, material, service, design, assembly, and/or method of construction is not approved, the building official shall respond in writing, stating the reasons why the alternative was not approved. Denial without written reason deprives a protected right to free and fair competition in the marketplace.
- 11.6 DrJ is a licensed engineering company, employs licensed <u>RDP</u>s and is an <u>ANAB Accredited Product</u> <u>Certification Body – Accreditation #1131</u>.
- 11.7 Through the <u>IAF Multilateral Arrangement</u> (MLA), this <u>duly authenticated report</u> can be used to obtain product approval in any <u>jurisdiction</u> or <u>country</u> because all ANAB ISO/IEC 17065 <u>duly authenticated reports</u> are equivalent.³⁵





12 Conditions of Use

- 12.1 Material properties shall not fall outside the boundaries defined in Section 6.
- 12.2 As defined in **Section 6**, where material and/or engineering mechanics properties are created for load resisting design purposes, the resistance to the applied load shall not exceed the ability of the defined properties to resist those loads using the principles of accepted engineering practice.
- 12.3 As listed herein, Taylor Power Systems Generator Enclosures (TG450-350, TG300-200, TG150-125, TG100-80, TD450-550, TD600, and TD750) shall not be used:
 - 12.3.1 Where positive wind pressure would exceed 37.2 psf.
 - 12.3.2 Where negative wind pressure would exceed 66.5 psf.
- 12.4 When required by adopted legislation and enforced by the <u>building official</u>, also known as the Authority Having Jurisdiction (AHJ) in which the project is to be constructed:
 - 12.4.1 Any calculations incorporated into the construction documents shall conform to accepted engineering practice and, when prepared by an <u>approved source</u>, shall be approved when signed and sealed.
 - 12.4.2 This report and the installation instructions shall be submitted at the time of permit application.
 - 12.4.3 These innovative products have an internal quality control program and a third-party quality assurance program.
 - 12.4.4 At a minimum, these innovative products shall be installed per Section 9.
 - 12.4.5 The review of this report by the AHJ shall comply with <u>IBC Section 104.2.3.2</u> and <u>IBC Section 105.3.1</u>.
 - 12.4.6 These innovative products have an internal quality control program and a third party quality assurance program in accordance with <u>IBC Section 104.7.2</u>, <u>IBC Section 110.4</u>, <u>IBC Section 1703</u>, <u>IRC Section R109.2</u>.
 - 12.4.7 The application of these innovative products in the context of this report is dependent upon the accuracy of the construction documents, implementation of installation instructions, inspection as required by <u>IBC</u> <u>Section 110.3</u>, <u>IRC Section R109.2</u>, and any other regulatory requirements that may apply.
- 12.5 The approval of this report by the AHJ shall comply with <u>IBC Section 1707.1</u>, where legislation states in part, *"the <u>building official</u> shall make, or cause to be made, the necessary tests and investigations; or the <u>building</u> <u>official</u> shall accept duly authenticated reports from <u>approved agencies</u> in respect to the quality and manner of use of new materials or assemblies as provided for in <u>Section 104.2.3</u>", all of <u>IBC Section 104</u>, and <u>IBC Section 105.3</u>.*
- 12.6 <u>Design loads</u> shall be determined in accordance with the regulations adopted by the jurisdiction in which the project is to be constructed and/or by the building designer (i.e., <u>owner</u> or <u>RDP</u>).
- 12.7 The actual design, suitability, and use of this report for any particular building, is the responsibility of the owner or the authorized agent of the <u>owner</u>.

13 Identification

- 13.1 The innovative products listed in **Section 1.1** are identified by a label on the board or packaging material bearing the manufacturer name, product name, this report number, and other information to confirm code compliance.
- 13.2 Additional technical information can be found at <u>www.taylorpowergenerators.com</u>.

14 Review Schedule

- 14.1 This report is subject to periodic review and revision. For the latest version, visit <u>www.drjcertification.org</u>.
- 14.2 For information on the status of this report, please contact <u>DrJ Certification</u>.





Notes

- ¹ For more information, visit <u>dricertification.org</u> or call us at 608-310-6748.
- ² Capitalized terms and responsibilities are defined pursuant to the applicable building code, applicable reference standards, the latest edition of <u>TPI1</u>, the <u>NDS</u>, <u>AISI S202</u>, <u>US</u> professional engineering law, <u>Canadian building code</u>, <u>Canada professional engineering law</u>, <u>Qualtim External Appendix A: Definitions/Commentary</u>, <u>Qualtim External Appendix B:</u> <u>Project/Deliverables</u>, <u>Qualtim External Appendix C: Intellectual Property and Trade Secrets</u>, definitions created within Design Drawings and/or definitions within Reference Sheets. Beyond this, terms not defined shall have ordinarily accepted meanings as the context implies. Words used in the present tense include the future; words stated in the masculine gender include the feminine and neuter; the singular number includes the plural and the plural, the singular.
- ³ https://up.codes/viewer/mississippi/ibc-2024/chapter/17/special-inspections-and-tests#1702
- ⁴ Alternative Materials, Design and Methods of Construction and Equipment: The provisions of any regulation code are not intended to prevent the installation of any material or to prohibit any design or method of construction not specifically prescribed by a regulation. Please review <u>https://www.justice.gov/atr/mission</u> and https://up.codes/viewer/mississippi/ibc-2024/chapter/1/scope-and-administration#104.2.3
- 5 <u>https://up.codes/viewer/mississippi/ibc-2024/chapter/17/special-inspections-and-tests#1706.2:~:text=the%20design%20strengths%20and%20permissible%20stresses%20shall%20be%20established%20by%20tests</u>
- 7 https://up.codes/viewer/mississippi/ibc-2024/chapter/17/special-inspections-andtests#1707.1;~:text=the%20building%20official%20shall%20make%2C%20or%20cause%20to%20be%20made%2C%20the%20necessary%20tests%20and%20investigations%3B %20or%20the%20building%20official%20shall%20accept%20duly%20authenticated%20reports%20from%20approved%20agencies%20in%20respect%20to%20the%20quality%2 0and%20manner%20of%20use%20of%20new%20materials%20or%20assemblies%20as%20provided%20for%20in%20Section%20104.2.3.
- 8 https://up.codes/viewer/mississippi/ibc-2024/chapter/17/special-inspections-and-tests#1703.4.2
- 9 https://up.codes/viewer/mississippi/ibc-2024/chapter/2/definitions#approved_agency
- ¹⁰ https://up.codes/viewer/mississippi/ibc-2024/chapter/2/definitions#approved_source
- https://www.law.cornell.edu/uscode/text/18/1832 (b) Any organization that commits any offense described in subsection (a) shall be fined not more than the greater of \$5,000,000 or 3 times the value of the stolen trade secret to the organization, including expenses for research and design and other costs of reproducing the trade secret that the organization has thereby avoided. The <u>federal government</u> and each state have a <u>public records act</u>. To follow DTSA and comply state public records and trade secret legislation requires approval through <u>ANAB ISO/IEC 17065 accredited certification bodies</u> or <u>approved sources</u>. For more information, please review this website: <u>Intellectual Property and Trade Secrets</u>.
- 12 <u>https://www.nspe.org/resources/issues-and-advocacy/professional-policies-and-position-statements/regulation-professional AND https://apassociation.org/list-of-engineeringboards-in-each-state-archive/</u>
- 13 https://www.cbitest.com/accreditation/
- 14 https://up.codes/viewer/mississippi/ibc-2024/chapter/1/scope-and-administration#104.1:~:text=directed%20to%20enforce%20the%20provisions%20of%20this%20code
- ¹⁵ <u>https://up.codes/viewer/mississippi/ibc-2024/chapter/1/scope-and-administration#104.2.3</u> AND <u>https://up.codes/viewer/mississippi/ibc-2024/chapter/1/scope-and-administration#105.3.1</u>
- ¹⁶ <u>https://up.codes/viewer/mississippi/ibc-2024/chapter/17/special-inspections-and-tests#1707.1</u>
- https://iaf.nu/en/about-iafmla/#:~:text=Once%20an%20accreditation%20body%20is%20a%20signatory%20of%20the%20IAF%20MLA%2C%20it%20is%20required%20to%20recognise%20certificates%20 and%20validation%20and%20verification%20statements%20issued%20by%20conformity%20assessment%20bodies%20accredited%20by%20all%20other%20signatories%20of %20the%20IAF%20MLA%2C%20with%20the%20appropriate%20scope
- ¹⁸ True for all ANAB accredited product evaluation agencies and all International Trade Agreements.
- ¹⁹ <u>https://www.justice.gov/crt/deprivation-rights-under-color-law</u> AND <u>https://www.justice.gov/atr/mission</u>
- ²⁰ Unless otherwise noted, the links referenced herein use un-amended versions of the <u>2024 International Code Council (ICC)</u> 2024 International Code Council (ICC) model codes as foundation references. Mississippi versions of the <u>IBC 2024</u> and the <u>IRC 2024</u> are un-amended. This material, product, design, service and/or method of construction also complies with the 2000-2012 versions of the referenced codes and the standards referenced therein. As pertinent to this technical and code compliance evaluation, CBI and/or DrJ staff have reviewed any state or local regulatory amendments to assure this report is in compliance.
- ²¹ See <u>Adoptions by Publisher</u> for the latest adoption of a non-amended or amended model code by the local jurisdiction. <u>https://up.codes/codes/general</u>
- ²² See <u>Adoptions by Publisher</u> for the latest adoption of a non-amended or amended model code by state. <u>https://up.codes/codes/general</u>
- ²³ https://www.ecfr.gov/current/title-24/subtitle-B/chapter-XX/part-3282/subpart-A/section-3282.14
- 24 https://www.ecfr.gov/current/title-24/subtitle-B/chapter-XX/part-3280
- ²⁵ <u>https://www.ecfr.gov/current/title-24/subtitle-B/chapter-XX/part-3280#p-3280.2(Listed%20or%20certified); https://up.codes/viewer/mississippi/ibc-2024/chapter/2/definitions#listed AND <u>https://up.codes/viewer/mississippi/ibc-2024/chapter/2/definitions#labeled</u></u>
- ²⁶ https://up.codes/viewer/mississippi/ibc-2024/chapter/17/special-inspections-and-tests#1703.4
- 27 <u>https://www.ecfr.gov/current/title-24/subtitle-B/chapter-XX/part-</u>
- 3280#:~:text=All%20construction%20methods%20shall%20be%20in%20conformance%20with%20accepted%20engineering%20practices%20to%20insure%20durable%2C%20liv able%2C%20and%20safe%20housing%20and%20shall%20demonstrate%20acceptable%20workmanship%20reflecting%20journeyman%20quality%20of%20work%20of%20the% 20various%20trades
- 28 <u>https://www.ecfr.gov/current/title-24/subtitle-B/chapter-XX/part-3280#:~:text=The%20strength%20and%20rigidity%20of%20the%20component%20parts%20and/or%20the%20integrated%20structure%20shall%20be%20determined%20by%20 engineering%20analysis%20or%20by%20suitable%20load%20tests%20to%20simulate%20the%20actual%20loads%20and%20conditions%20of%20application%20that%20occur</u>





- 29 Qualification is performed by a legislatively defined <u>Accreditation Body</u>. <u>ANSI National Accreditation Board (ANAB)</u> is the largest independent accreditation body in North America and provides services in more than 75 countries. <u>DrJ</u> is an ANAB accredited <u>product certification body</u>.
- ³⁰ <u>https://anabpd.ansi.org/Accreditation/product-certification/AllDirectoryDetails?prgID=1&orgID=2125&statusID=4#:~:text=Bill%20Payment%20Date-.Accredited%20Scopes,-13%20ENVIRONMENT.%20HEALTH</u>
- 31 See Code of Federal Regulations (CFR) Title 24 Subtitle B Chapter XX Part 3280 for definition: https://www.ecfr.gov/current/title-24/subtitle-B/chapter-XX/part-3280
- 32 2018: <u>https://up.codes/viewer/wyoming/ifc-2018/chapter/1/scope-and-administration#104.9</u> AND 2021: <u>https://up.codes/viewer/wyoming/ibc-2021/chapter/1/scope-and-administration#104.11</u>
- Approved is an adjective that modifies the noun after it. For example, Approved Agency means that the Agency is accepted officially as being suitable in a particular situation. This example conforms to IBC/IRC/IFC Section 201.4 (https://up.codes/viewer/mississippi/ibc-2024/chapter/2/definitions#201.4) where the building code authorizes sentences to have an ordinarily accepted meaning such as the context implies.
- ³⁴ https://up.codes/viewer/mississippi/ibc-2024/chapter/17/special-inspections-and-tests#1707.1
- 35 Multilateral approval is true for all ANAB accredited product evaluation agencies and all International Trade Agreements.