|  |  |  |
| --- | --- | --- |
|  | FDOT Traffic Engineering Research Laboratory (TERL)  Intelligent Transportation System (ITS) Cabinet Compliance Matrix | By signing this form, the applicant declares that he/she has read and understands the provisions of Sections 676 and 995 of the FDOT *Standard Specifications for Road and Bridge Construction* and all implemented modifications. The requirements listed on this matrix are derived from Sections 676 and 995, and are the basis for determining a product’s compliance and its acceptability for use on Florida’s roads. |

|  |  |  |  |
| --- | --- | --- | --- |
| Date: | Click here to enter a date. | Applicant’s  Name (print): |  |
| Manufacturer: |  |  |  |
| Item, Model No.: |  | Signature: |  |

| **ID No** | **Section** | **Requirement** | **Item Comply? (Yes/No/NA)** | **Comments (Applicant must provide information as indicated)** | **TERL Evaluation Method** |
| --- | --- | --- | --- | --- | --- |
| 1 | 995-1.1 | All equipment is permanently marked with manufacturer name or trademark, part number, and date of manufacture or serial number. |  | *Applicant may provide comments in this field.* | Physical Inspection |
| 2 | 995-11.1 | Cabinet is permanently marked with a water-resistant label including the manufacturer's name or trademark, model/part number, and the year and month of manufacture on the inside of the main door. |  | *Provide product literature, specifications, user manual, or similar information that shows the product meets this requirement.* | Document Review and Physical Inspection |
|  |  |  |  | *Indicate location of requested information in submittal.* |  |
| 3 |  | The water-resistant label is visible after installation. |  | *Applicant may provide comments in this field.* | Physical Inspection |
| 4 |  | Painted and unpainted cabinets meet the applicable requirements in Aluminum Cabinets, NEMA-TS-2-2021, 7.7.2. |  | *Provide product literature, specifications, user manual, or similar information that shows the product meets this requirement.* | Document Review and Physical Inspection |
|  |  |  |  | *Indicate location of requested information in submittal.* |  |
| 5 | 995-11.5 | Cabinet shell conforms to NEMA 3R requirements, is constructed of unpainted sheet aluminum alloy 5052-H32 with a minimum thickness of 0.125 inches and has a smooth, uniform natural aluminum finish without rivet holes, visible scratches, or gouges on the outer surface. |  | *Provide product literature, specifications, user manual, or similar information that shows the product meets this requirement.* | Document Review and Physical Inspection |
|  |  |  |  | *Indicate location of requested information in submittal.* |  |
| 6 |  | Cabinet dimensions are:  Type 340 – 66 to 68 inches high by 44 to 46 inches wide by 26 to 28 inches deep  Type 336 – 36 to 39 inches high by 24 to 26 inches wide by 20 to 22 inches deep  Type 336S – 46 to 48 inches high by 24 to 26 inches wide by 22 to 24 inches deep  Type 334 – 66 to 68 inches high by 24 to 26 inches wide by 30 to 32 inches deep  Type 332D – 66 to 68 inches high by 48 to 50 inches wide by 30 to 32 inches deep  Type P44 – 55 to 59 inches high by 44 to 46 inches wide by 26 to 29 inches deep |  | *Provide product literature, specifications, user manual, or similar information that shows the product meets this requirement.* | Document Review and Physical Inspection |
|  |  |  |  | *Indicate location of requested information in submittal.* |  |
| 7 |  | Cabinet is weather resistant and constructed with a crowned top to prevent standing water. |  | *Applicant may provide comments in this field.* | Physical Inspection |
| 8 |  | All exterior cabinet welds are gas tungsten arc (TIG) welds and all interior cabinet welds are gas metal arc (MIG) or TIG welds. |  | *Provide a statement of conformance in this field.* | Compliance Matrix Review |
| 9 |  | All exterior cabinet and door seams are continuously welded and smooth and all inside and outside edges of the cabinet are free of burrs, rounded and smoothed for safety. |  | *Applicant may provide comments in this field.* | Physical Inspection |
| 10 |  | All welds are neatly formed and free of cracks, blow holes and other irregularities. |  | *Applicant may provide comments in this field.* | Physical Inspection |
| 11 |  | All aluminum welding utilizes ER5356 aluminum alloy bare welding electrodes conforming to AWS A5.10 requirements. Procedures, welders, and welding operators conform to AWS requirements as contained in AWS B3.0 and C5.6 for aluminum. |  | *Provide evidence of AWS welding certification.* | Document Review |
|  |  |  |  | *Indicate location of requested information in submittal.* |  |
| 12 |  | Cabinet has lifting eye plates mounted on both sides of the top of cabinet for lifting and positioning it. |  | *Provide product literature, specifications, user manual, or similar information that shows the product meets this requirement.* | Document Review and Physical Inspection |
|  |  |  |  | *Indicate location of requested information in submittal.* |  |
| 13 |  | Each lifting eye is secured with a minimum of two bolts to the cabinet body and have an opening diameter of 0.75 inches capable of supporting a weight load of 1,000 pounds. |  | *Provide product literature, specifications, user manual, or similar information that shows the product meets this requirement.* | Document Review and Physical Inspection |
|  |  |  |  | *Indicate location of requested information in submittal.* |  |
| 14 |  | All external bolt heads are tamperproof. |  | *Applicant may provide comments in this field.* | Physical Inspection |
| 15 |  | Ground-mount cabinets include a removable base plate and two aluminum plates, welded inside, for anchoring the cabinet. |  | *Applicant may provide comments in this field.* | Physical Inspection |
| 16 |  | Anchoring plates are fabricated from aluminum alloy 5052-H32 and are a minimum of 4 inches wide by 0.125 inches thick. |  | *Provide product literature, specifications, user manual, or similar information that shows the product meets this requirement.* | Document Review and Physical Inspection |
|  |  |  |  | *Indicate location of requested information in submittal.* |  |
| 17 |  | Cabinet has four 1-inch diameter holes for anchoring. |  | *Applicant may provide comments in this field.* | Physical Inspection |
| 18 | 995-11.5.1 | Cabinet has front and rear doors, each equipped with a lock and handle. |  | *Provide product literature, specifications, user manual, or similar information that shows the product meets this requirement.* | Document Review and Physical Inspection |
|  |  |  |  | *Indicate location of requested information in submittal.* |  |
| 19 |  | Doors are full size, matching the height and width dimensions of the cabinet enclosure, with no fewer than three Type 4 or larger stainless steel hinges or; alternately, one full-length “piano” hinge. |  | *Provide product literature, specifications, user manual, or similar information that shows the product meets this requirement.* | Document Review and Physical Inspection |
|  |  |  |  | *Indicate location of requested information in submittal.* |  |
| 20 |  | Hinges are constructed of 14 gauge stainless steel with stainless steel hinge pins that are spot-welded at the top. |  | *Provide product literature, specifications, user manual, or similar information that shows the product meets this requirement.* | Document Review and Physical Inspection |
|  |  |  |  | *Indicate location of requested information in submittal.* |  |
| 21 |  | Hinges cannot be removed from the door or cabinet without first opening the door. |  | *Applicant may provide comments in this field.* | Physical Inspection |
| 22 |  | Door and hinges can withstand 100 pounds per vertical foot of door height load applied to the outer edge of the door when standing open. There is no permanent deformation or impairment of any part of the door or cabinet body when the load is removed. |  | *Provide product literature, specifications, user manual, or similar information that shows the product meets this requirement.* | Document Review and Physical Inspection |
|  |  |  |  | *Indicate location of requested information in submittal.* |  |
| 23 |  | Door opening provides a flange that allows the door gasket to mate with a flat surface. |  | *Provide product literature, specifications, user manual, or similar information that shows the product meets this requirement.* | Document Review and Physical Inspection |
|  |  |  |  | *Indicate location of requested information in submittal.* |  |
| 24 |  | Cabinet includes a gasket made of a closed-cell material resistant to UV, weathering, elevated temperatures, and permanent deformation that is permanently bonded to the inside of each door forming a weather-tight seal when the door is closed. |  | *Provide product literature, specifications, user manual, or similar information that shows the product meets this requirement.* | Document Review and Physical Inspection |
|  |  |  |  | *Indicate location of requested information in submittal.* |  |
| 25 | 995-11.5.2 | Cabinet includes a three-point draw roller latching system for the doors. The latching system has three latching points consisting of:  1. Center of the cabinet (lock);  2. Top of the cabinet – controlled by the door handle; and  3. Bottom of the cabinet – controlled by the door handle. |  | *Provide product literature, specifications, user manual, or similar information that shows the product meets this requirement.* | Document Review and Physical Inspection |
|  |  |  |  | *Indicate location of requested information in submittal.* |  |
| 26 |  | The latching points on the top and bottom of the cabinet remain in the locked position until the main cabinet door lock is unlocked. |  | *Applicant may provide comments in this field.* | Physical Inspection |
| 27 |  | The top and bottom locking mechanism are equipped with nylon rollers to secure the top and bottom of the door. |  | *Provide product literature, specifications, user manual, or similar information that shows the product meets this requirement.* | Document Review and Physical Inspection |
|  |  |  |  | *Indicate location of requested information in submittal.* |  |
| 28 |  | Cabinet has a door stop that retains the main door open in a 90 degree and 120 degree position. |  | *Applicant may provide comments in this field.* | Physical Inspection |
| 29 |  | Cabinet door locks include an industrial standard pin tumbler lock with No. 2 key, or an approved alternate, and hardware that allows the door to be secured using a padlock. Two keys for each cabinet lock are included. |  | *Applicant may provide comments in this field.* | Physical Inspection |
| 30 |  | Two keys for each cabinet lock are included. |  | *Applicant may provide comments in this field.* | Physical Inspection |
| 31 | 995-11.5.3 | Cabinet includes four cabinet rails, constructed of either 0.1345 inch thick plated steel or 0.105 inch thick stainless steel, that form a cage for mounting miscellaneous wiring panels and various mounting brackets. |  | *Provide product literature, specifications, user manual, or similar information that shows the product meets this requirement.* | Document Review and Physical Inspection |
|  |  |  |  | *Indicate location of requested information in submittal.* |  |
| 32 |  | Rails extend the length of the cabinet’s sides, starting from the bottom of the enclosure. |  | *Provide product literature, specifications, user manual, or similar information that shows the product meets this requirement.* | Document Review and Physical Inspection |
|  |  |  |  | *Indicate location of requested information in submittal.* |  |
| 33 |  | Rails are keyhole designed with slots 2 inches on center with a top opening of 5/8 inch in diameter to allow the insertion of a 5/8 inch by 1 inch carriage bolt. |  | *Provide product literature, specifications, user manual, or similar information that shows the product meets this requirement.* | Document Review and Physical Inspection |
|  |  |  |  | *Indicate location of requested information in submittal.* |  |
| 34 |  | Rails are 1-1/2 to 2 inches wide by 1/2 inches deep, drilled and tapped for 10-32 screws or rack screws with EIA universal spacing. Rails are not unistruts. |  | *Provide product literature, specifications, user manual, or similar information that shows the product meets this requirement.* | Document Review and Physical Inspection |
|  |  |  |  | *Indicate location of requested information in submittal.* |  |
| 35 | 995-11.5.4 | Cabinet includes a standard 19 inch EIA/TIA equipment rack centered in the cabinet for mounting devices to be installed inside. Clearance in the rack between the rails is 17-3/4 inches. |  | *Applicant may provide comments in this field.* | Physical Inspection |
| 36 | 995-11.5.5 | Cabinet includes an internal adjustable rollout shelf with a minimum work area measuring 10 inches by 10 inches. |  | *Provide product literature, specifications, user manual, or similar information that shows the product meets this requirement.* | Document Review and Physical Inspection |
|  |  |  |  | *Indicate location of requested information in submittal.* |  |
| 37 |  | The shelf is level and capable of sustaining a constant 20 pound load. |  | *Applicant may provide comments in this field.* | Physical Inspection |
| 38 | 995-11.5.6 | Sunshields are mounted with tamper resistant hardware to standoffs and provide an air gap of at least of one inch between the exterior cabinet walls and the sunshields. |  | *Applicant may provide comments in this field.* | Physical Inspection |
| 39 |  | Standoffs on the top of the cabinet are welded to the cabinet body. |  | *Applicant may provide comments in this field.* | Physical Inspection |
| 40 |  | Sunshields are constructed with 0.125 inch thick 5052-H32 aluminum sheet with corners that are rounded and smoothed for safety. |  | *Provide product literature, specifications, user manual, or similar information that shows the product meets this requirement.* | Document Review and Physical Inspection |
|  |  |  |  | *Indicate location of requested information in submittal.* |  |
| 41 | 995-11.5.7 | Cabinet provides ventilation through a louvered vent at the bottom of the door. Vent depth does not exceed 0.25 inch. |  | *Applicant may provide comments in this field.* | Physical Inspection |
| 42 |  | An air filter, a minimum of 192 square inches and 1 inch thick, is provided. |  | *Applicant may provide comments in this field.* | Physical Inspection |
| 43 |  | The filter is removable and held firmly in place so that all intake air is filtered. |  | *Applicant may provide comments in this field.* | Physical Inspection |
| 44 |  | Filter is held in place with a bottom trough and a spring-loaded upper clamp. |  | *Applicant may provide comments in this field.* | Physical Inspection |
| 45 |  | The bottom trough drains any accumulated moisture to the outside of the field cabinet. |  | *Applicant may provide comments in this field.* | Physical Inspection |
| 46 |  | Cabinet has dual thermostatically controlled fans, with one thermostat per fan, rated for continuous duty with a service life of at least three years. |  | *Provide product literature, specifications, user manual, or similar information that shows the product meets this requirement.* | Document Review and Physical Inspection |
|  |  |  |  | *Indicate location of requested information in submittal.* |  |
| 47 |  | Thermostats are mounted on the inside top of the cabinet. |  | *Provide product literature, specifications, user manual, or similar information that shows the product meets this requirement.* | Document Review and Physical Inspection |
|  |  |  |  | *Indicate location of requested information in submittal.* |  |
| 48 |  | Thermostats are user adjustable to allow temperature settings ranging from a minimum of 70°F to a maximum of 140°F and capable of activating the fans within plus or minus 5 degrees of the set temperature. |  | *Provide product literature, specifications, user manual, or similar information that shows the product meets this requirement.* | Document Review and Physical Inspection |
|  |  |  |  | *Indicate location of requested information in submittal.* |  |
| 49 |  | Exhaust fans are UL-listed with a minimum air flow rating of 100 cubic feet per minute. |  | *Provide product literature, specifications, user manual, or similar information that shows the product meets this requirement.* | Document Review |
|  |  |  |  | *Indicate location of requested information in submittal.* |  |
| 50 |  | Electric fan motors have ball or roller bearings. |  | *Provide product literature, specifications, user manual, or similar information that shows the product meets this requirement.* | Document Review and Physical Inspection |
|  |  |  |  | *Indicate location of requested information in submittal.* |  |
| 51 |  | The exhaust air is vented from openings in the roof of the cabinet. |  | *Applicant may provide comments in this field.* | Physical Inspection |
| 52 | 995-11.5.8 | All equipment conforms to applicable UL, NEC, EIA, ASTM, ANSI, and IEEE requirements. |  | *Provide product literature, specifications, user manual, or similar information that shows the product meets this requirement.* | Document Review |
|  |  |  |  | *Indicate location of requested information in submittal.* |  |
| 53 |  | Surge protective devices (SPD) are accessible from the front of any panel used in the cabinet. |  | *Applicant may provide comments in this field.* | Physical Inspection |
| 54 |  | SPD for the cabinet’s main AC power input is connected on the load side of the cabinet circuit breaker. |  | *Applicant may provide comments in this field.* | Physical Inspection |
| 55 |  | All wiring is laced and all conductors are stranded copper. |  | *Provide product literature, specifications, user manual, or similar information that shows the product meets this requirement.* | Document Review and Physical Inspection |
|  |  |  |  | *Indicate location of requested information in submittal.* |  |
| 56 | 995-11.5.8.1 | Cabinet includes a service panel assembly to function as the entry point for AC power to the cabinet and the location for power filtering, transient suppression, and equipment grounding. |  | *Provide product literature, specifications, user manual, or similar information that shows the product meets this requirement.* | Document Review and Physical Inspection |
|  |  |  |  | *Indicate location of requested information in submittal.* |  |
| 57 |  | Service panel includes branch circuits, SPDs, and grounding as required for the load served by the cabinet, including ventilation fans, internal lights, electrical receptacles, etc. |  | *Provide product literature, specifications, user manual, or similar information that shows the product meets this requirement.* | Document Review and Physical Inspection |
|  |  |  |  | *Indicate location of requested information in submittal.* |  |
| 58 | 995-11.5.8.2 | Electrical inputs and outputs are terminated on terminal blocks. |  | *Provide product literature, specifications, user manual, or similar information that shows the product meets this requirement.* | Document Review and Physical Inspection |
|  |  |  |  | *Indicate location of requested information in submittal.* |  |
| 59 |  | The voltage and current rating of terminal blocks are greater than the voltage and current rating of the wire fastened to it. |  | *Provide product literature, specifications, user manual, or similar information that shows the product meets this requirement.* | Document Review and Physical Inspection |
|  |  |  |  | *Indicate location of requested information in submittal.* |  |
| 60 |  | Conductors are terminated on terminal blocks using insulated terminal lugs large enough to accommodate the conductor to be terminated. |  | *Provide product literature, specifications, user manual, or similar information that shows the product meets this requirement.* | Document Review and Physical Inspection |
|  |  |  |  | *Indicate location of requested information in submittal.* |  |
| 61 |  | When two or more conductors are terminated on field wiring terminal block screws, a terminal ring lug is used for terminating those conductors. |  | *Provide product literature, specifications, user manual, or similar information that shows the product meets this requirement.* | Document Review and Physical Inspection |
|  |  |  |  | *Indicate location of requested information in submittal.* |  |
| 62 |  | All terminal block circuits are numbered. |  | *Provide product literature, specifications, user manual, or similar information that shows the product meets this requirement.* | Document Review and Physical Inspection |
|  |  |  |  | *Indicate location of requested information in submittal.* |  |
| 63 |  | Blocks are covered with a clear insulating material to prevent inadvertent contact. |  | *Provide product literature, specifications, user manual, or similar information that shows the product meets this requirement.* | Document Review and Physical Inspection |
|  |  |  |  | *Indicate location of requested information in submittal.* |  |
| 64 | 995-11.5.8.3 | Ground busbar is made of copper or aluminum alloy material compatible with copper wire and includes at least two positions where a No. 2 AWG stranded copper wire can be attached. |  | *Provide product literature, specifications, user manual, or similar information that shows the product meets this requirement.* | Document Review and Physical Inspection |
|  |  |  |  | *Indicate location of requested information in submittal.* |  |
| 65 |  | The ground busbar is mounted on the side of the cabinet wall adjacent to the service panel assembly for connecting the AC neutral wires and chassis ground wires. |  | *Provide product literature, specifications, user manual, or similar information that shows the product meets this requirement.* | Document Review and Physical Inspection |
|  |  |  |  | *Indicate location of requested information in submittal.* |  |
| 66 |  | If more than one ground busbar is used in a cabinet, a No. 10 AWG, minimum, copper wire interconnects them. |  | *Provide product literature, specifications, user manual, or similar information that shows the product meets this requirement.* | Document Review and Physical Inspection |
|  |  |  |  | *Indicate location of requested information in submittal.* |  |
| 67 |  | The equipment rack is connected to the ground busbar in the cabinet, maintaining electrical continuity throughout the cabinet. |  | *Applicant may provide comments in this field.* | Physical Inspection |
| 68 |  | PANI (detailed herein) recommendations of USDA-RUS-1751 are used for connections to the ground busbar. Producer (P) or electrical power and sources of stroke current connections are on the left end of the busbar. Absorbing (A) or grounding wires are connected immediately right of the P connections. Non-isolated (N) connections such as doors and vents are connected to the right of the A connections. Isolated (I) equipment grounds from equipment in the cabinet are connected on the right end of the busbar. |  | *Provide product literature, specifications, user manual, or similar information that shows the product meets this requirement.* | Document Review and Physical Inspection |
|  |  |  |  | *Indicate location of requested information in submittal.* |  |
| 69 | 995-11.5.8.4 | A power distribution assembly that fits in the EIA 19-inch rack and provides for protection and distribution of 120 VAC power is furnished with the cabinet. |  | *Applicant may provide comments in this field.* | Physical Inspection |
| 70 | 995-11.5.8.5 | Provide one or more light fixtures that illuminate the entire interior of the cabinet. |  | *Provide product literature, specifications, user manual, or similar information that shows the product meets this requirement.* | Document Review and Physical Inspection |
|  |  |  |  | *Indicate location of requested information in submittal.* |  |
| 71 |  | All light fixtures automatically turn on when the main cabinet door is opened and turn off when the door is closed. |  | *Provide product literature, specifications, user manual, or similar information that shows the product meets this requirement.* | Document Review and Physical Inspection |
|  |  |  |  | *Indicate location of requested information in submittal.* |  |
| 72 | 995-11.5.9 | An adapter bracket is provided for pole mounted cabinets that are slotted or otherwise designed to allow banding straps to be installed to avoid pole handholes. |  | *Provide product literature, specifications, user manual, or similar information that shows the product meets this requirement.* | Document Review and Physical Inspection |
|  |  |  |  | *Indicate location of requested information in submittal.* |  |
| 73 | 995-11.6 | ITS cabinets include a generator and auxiliary power connection unless otherwise shown in the Plans. |  | *Provide product literature, specifications, user manual, or similar information that shows the product meets this requirement.* | Document Review and Physical Inspection |
|  |  |  |  | *Indicate location of requested information in submittal.* |  |
| 74 |  | Cabinets with generator and auxiliary power connection include provisions for the connection of an external power source, such as a portable generator, through a weatherproof, secure interface. This feature allows authorized personnel to access, connect, and secure an external power source to the cabinet in order to restore power within five minutes of arrival time at the cabinet. |  | *Provide product literature, specifications, user manual, or similar information that shows the product meets this requirement.* | Document Review and Physical Inspection |
|  |  |  |  | *Indicate location of requested information in submittal.* |  |
| 75 |  | A 10 AWG, 600V UL rated cable, fabricated with L5-30 connectors r, a minimum of 12 feet in length or as shown in Plans, is supplied with the cabinet assembly for field connection between generator and cabinet. |  | *Applicant may provide comments in this field.* | Physical Inspection |
| 76 | 995-11.6.1 | The cabinet is provided with an automatic transfer switch as shown in the plans. |  | *Provide product literature, specifications, user manual, or similar information that shows the product meets this requirement.* | Document Review and Functional Inspection |
|  |  |  |  | *Indicate location of requested information in submittal.* |  |
| 77 |  | The transfer switch meets UL 1008 and is rated equal to or higher than the design load of the cabinet’s main breaker and the generator input twist-lock connector rating. |  | *Provide product literature, specifications, user manual, or similar information that shows the product meets this requirement.* | Document Review and Functional Inspection |
|  |  |  |  | *Indicate location of requested information in submittal.* |  |
| 78 |  | The transfer switch provides a means of switching between normal utility power and auxiliary backup generator power. |  | *Provide product literature, specifications, user manual, or similar information that shows the product meets this requirement.* | Document Review and Functional Inspection |
|  |  |  |  | *Indicate location of requested information in submittal.* |  |
| 79 |  | Switching time does not exceed 250 milliseconds. |  | *Provide product literature, specifications, user manual, or similar information that shows the product meets this requirement.* | Document Review and Functional Inspection |
|  |  |  |  | *Indicate location of requested information in submittal.* |  |
| 80 |  | The transfer switch does not allow simultaneous active power from more than one source and does not allow generator backflow into normal utility AC circuits. |  | *Provide product literature, specifications, user manual, or similar information that shows the product meets this requirement.* | Document Review and Functional Inspection |
|  |  |  |  | *Indicate location of requested information in submittal.* |  |
| 81 | 995-11.6.2 | A generator connection panel is included and consists of, at a minimum, the automatic transfer switch with a three-prong, 30 amp L5-30P twist-lock connector with recessed male contacts for generator hookup. |  | *Provide product literature, specifications, user manual, or similar information that shows the product meets this requirement.* | Document Review and Physical Inspection |
|  |  |  |  | *Indicate location of requested information in submittal.* |  |
| 82 |  | The access panel is located as close as possible to the main AC circuit breaker with the bottom of the access panel no less than 24 inches above the bottom of the cabinet. |  | *Provide product literature, specifications, user manual, or similar information that shows the product meets this requirement.* | Document Review and Physical Inspection |
|  |  |  |  | *Indicate location of requested information in submittal.* |  |
| 83 |  | The generator access panel is not placed on the main cabinet door or back door. |  | *Provide product literature, specifications, user manual, or similar information that shows the product meets this requirement.* | Document Review and Physical Inspection |
|  |  |  |  | *Indicate location of requested information in submittal.* |  |
| 84 |  | The transfer switch and twist lock connector are labeled on a panel easily accessible behind a weatherproof lockable exterior access door equipped with a tamper-resistant hinge. |  | *Provide product literature, specifications, user manual, or similar information that shows the product meets this requirement.* | Document Review and Physical Inspection |
|  |  |  |  | *Indicate location of requested information in submittal.* |  |
| 85 |  | This access door is labeled “Generator Access Door” and is provided with a No. 2 lock. |  | *Provide product literature, specifications, user manual, or similar information that shows the product meets this requirement.* | Document Review and Physical Inspection |
|  |  |  |  | *Indicate location of requested information in submittal.* |  |
| 86 |  | The access door and generator cable entrance include means to prevent access to insects when cable is not present. |  | *Applicant may provide comments in this field.* | Physical Inspection |
| 87 |  | The generator hookup compartment is recessed no more than six inches into the cabinet but is deep enough to allow closing and locking of the access door when the generator cable is connected. Access is not blocked to any other equipment in the cabinet. |  | *Provide product literature, specifications, user manual, or similar information that shows the product meets this requirement.* | Document Review and Physical Inspection |
|  |  |  |  | *Indicate location of requested information in submittal.* |  |
| 88 | 676-4 | Cabinets, enclosures, and risers have a manufacturer’s warranty covering defects for a minimum of 2 years from the date of final acceptance. |  | *Provide a statement of conformance in this field.* | Compliance Matrix Review |
| 89 |  | The warranty includes providing replacements, within 10 calendar days of notification, for defective parts and equipment during the warranty period at no cost to the Department or  maintaining agency. |  | *Provide a statement of conformance in this field.* | Compliance Matrix Review |

**Document History for:**

**ITS Cabinet Compliance Matrix**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Rev | Description | Authored and Checked | Reviewed | Approved | Approval Date | Rev More Stringent? |
| 1.0 | Initial SSRBC version w/ FA date of 9-10-14 | D. Bremer | M. DeWitt  J. Morgan | J. Morgan | 08/25/2015 | No |
| 2.0 | Updated CM to reflect spec changes for FA 8-1-17 | R. Brooks | M. Tomatani  J. Morgan | J. Morgan | 11/15/2017 | No |
| 3.0 | Updated CM to reflect spec changes for FA 8-6-18 | W. Geitz | J. Morgan | J. Morgan | 11/25/2019 | Yes |
| 4.0 | Updated CM to reflect spec changes for FA 7-2-20 | W. Geitz | C. Raimer  M. DeWitt | D. Vollmer | 10/13/2020 | No |
| 5.0 | Added warranty information. Added missing CM identifier. | A. Burleson | W. Geitz | M. DeWitt | 02/01/2022 | No |
| 6.0 | Added the Type 340 and 332D cabinet sizes to the specification (reflects FA 2-22-22 changes) | W. Geitz | D. Vollmer | D. Vollmer | 09/14/2022 | No |
| 7.0 | Moved from 676 to 995-11 (FA 10-24-22) | W. Geitz | D. Christian M. DeWitt | D. Vollmer | 06/12/2023 | No |
| 8.0 | Updated to latest FA dates of 9-14-23 and 10-6-23 for specs 676 and 995 respectively. | W. Geitz | D. Christian | D. Vollmer | 11/28/2023 | No |