

Planning, Design & Construction Campus Facilities

117 General Services Building Columbia, MO 65211-3200

PHONE (573) 882-1133 FAX (573) 882-1175 Date:

PROJECT:

GROUNDING CHECKLIST

Grounding System Construction Checklist

| Project: | |
|-----------|--|
| | |
| Date: | |
| Building: | |
| Location: | |

Submittal / Approvals

Submittal. The above equipment and systems integral to them are complete and ready for functional testing. The checklist items are complete and have been checked off <u>only by parties having direct</u> <u>knowledge of the event</u>, as marked below, respective to each responsible contractor. This construction checklist is submitted for approval, subject to an attached list of outstanding items yet to be completed. A Statement of Correction will be submitted upon completion of any outstanding areas. None of the outstanding items preclude safe and reliable functional tests being performed. _____ List attached.

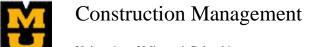
| Electrical Contractor | Date | General Contractor | Date |
|-----------------------|------|--------------------|------|

Construction checklist items are to be completed as part of startup & initial checkout, preparatory to performing test procedures.

- This checklist does not take the place of the manufacturer's recommended checkout and startup procedures or report.
- If this form is not used for documenting, one of similar rigor shall be used.
- Contractors assigned responsibility for sections of the checklist shall be responsible to see that checklist items by their subcontractors are completed and checked off.

Approvals. This filled-out checklist has been reviewed. Its completion is approved with the exceptions noted below.

| Commissioning Authority | Date | Owner's Representative | Date |
|-------------------------|------|------------------------|------|



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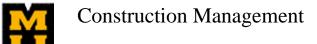
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GROUNDING CHECKLIST

| Associated Checklists | | | | | |
|-----------------------|--|------------------------|--|-------------------------|--|
| Panels | | Lighting | | Low Voltage Transformer | |
| Low Voltage MCC | | Low Voltage Switchgear | | Unit Substation | |
| Unit Substat'n Xfmr | | Other | | Other | |
| Comments: | | | | | |
| | | | | | |

| Requested documentation submitted | Rec'd | Comments |
|--|-------|----------|
| Manufacturer's cut sheets | | |
| Installation and startup manual and plan | | |
| O&M manuals | | |
| Sequences and control strategies | | |
| Warranty Certificate | | |
| | | |
| Comments: | | |

| Installation Checks | | | | |
|--|--|--|---------|--|
| Check if Acceptable; Provide comment if unacceptable | | | Comment | |
| Grounding | | | | |
| Size and type of grounding and bonding conductors are in accordance with the drawings and specifications | | | | |
| Grounding electrodes have been installed in accordance with drawings and specifications | | | | |
| Connections to grounding electrodes have been made in accordance with manufacturer's specifications | | | | |
| Grounding conductors have been routed in accordance with the drawings and specifications | | | | |
| Grounding conductors have been properly terminated at the service equipment or separately derived source. Bonding conductors have been installed as required | | | | |
| Resistance of the grounding system has been measured and recorded. Provide method of measurement. | | | | |
| Test wells are accessible and clearly marked. | | | | |
| | | | | |



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| Operational Checks | | | | | |
|--|--|----|---------|--|--|
| Check if Acceptable; Provide comment if unacceptable | | NA | Comment | | |
| Specified sequences of operation and operating schedules have been provided with all variations documented | | | | | |
| Specified point-to-point checks have been completed and documentation record submitted for this system | | | | | |
| | | | | | |

Comments:

*Fill out all form fields before signing!

| Name | Organization | Title | Signature |
|------|--------------|-------|-----------|
| 2 | - | | |

University of Missouri Commissioning Authority

(Place Digital Locking Stamp Here)