

## CIRCUIT SWITCHER INSPECTION CHECKLIST

For use of this form see TM 5-694; the proponent agency is COE.

### SECTION A - CUSTOMER DATA

|                                                   |                        |                    |
|---------------------------------------------------|------------------------|--------------------|
| 1. PLANT/BUILDING                                 | 2. LOCATION            | 3. JOB NUMBER      |
| 4. EQUIPMENT                                      | 5. CIRCUIT DESIGNATION | 6. DATE (YYYYMMDD) |
| 7. TEST EQUIPMENT TYPE/BRAND AND CALIBRATION DATE |                        | 8. TESTED BY       |

### SECTION B - EQUIPMENT DATA

|                         |                 |                    |                    |
|-------------------------|-----------------|--------------------|--------------------|
| 9. MANUFACTURER         | 10. STYLES/S.O. | 11. VOLTAGE RATING | 12. CURRENT RATING |
| 13. INTERRUPTING RATING |                 | 14. BUS BRACING    |                    |

### SECTION C - VISUAL AND ELECTRICAL/MECHANICAL INSPECTION

| 15. CHECK POINT                  | COND* | NOTES | CHECK POINT                            | COND* | NOTES |
|----------------------------------|-------|-------|----------------------------------------|-------|-------|
| EXTERIOR OF EQUIPMENT            |       |       | EQUIPMENT IDENTIFICATION               |       |       |
| COMPLETENESS OF ASSEMBLY         |       |       | BRACING                                |       |       |
| ELECTRICAL/MECHANICAL INTERLOCKS |       |       | PROPER PHASE CONNECTION AND COLOR CODE |       |       |
| PROPER GROUNDING                 |       |       | HAZARDOUS LOCATION                     |       |       |
| ALIGNMENT AND ROTATION LIMITS    |       |       | CONTACT RESISTANCE                     |       |       |
| TIGHTNESS OF BOLTED CONNECTIONS  |       |       | ANCHORAGE                              |       |       |
| PROPER LUBRICATION               |       |       | REFERENCE DRAWINGS                     |       |       |
| INTERRUPTER TIME TRAVEL          |       |       | CONTROL CIRCUIT OPERATION              |       |       |
| MANUAL OPERATION                 |       |       | ENERGIZED OPERATION                    |       |       |

### SECTION D - ELECTRICAL TESTS

|                                  |                                  |       |       |     |     |     |           |   |   |   |   |
|----------------------------------|----------------------------------|-------|-------|-----|-----|-----|-----------|---|---|---|---|
| 16. INSULATION RESISTANCE<br>@ V | A-GRD                            | B-GRD | C-GRD | A-B | B-C | C-A |           |   |   |   |   |
| 17. MEASUREMENT DESCRIPTION      | VOLTAGE AND CURRENT MEASUREMENTS |       |       |     |     |     |           |   |   |   |   |
|                                  | VOLTAGE**                        |       |       |     |     |     | CURRENT** |   |   |   |   |
|                                  | A-N                              | B-N   | C-N   | A-B | B-C | C-A | A         | B | C | N | G |
|                                  | A-N                              | B-N   | C-N   | A-B | B-C | C-A | A         | B | C | N | G |
|                                  | A-N                              | B-N   | C-N   | A-B | B-C | C-A | A         | B | C | N | G |
|                                  | A-N                              | B-N   | C-N   | A-B | B-C | C-A | A         | B | C | N | G |

18. NOTES:

\*CONDITION: A = ACCEPTABLE; R = NEEDS REPAIR, REPLACEMENT OR ADJUSTMENT; C = CORRECTED; NA = NOT APPLICABLE  
 \*\*NOTE VALUE AND PHASING