

## TRANSFER SWITCH 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 AND CALIBRATION DATE |                        | 8. TESTED BY       |

### SECTION B - EQUIPMENT DATA

|                   |                 |                    |                    |
|-------------------|-----------------|--------------------|--------------------|
| 9. MANUFACTURER   | 10. STYLES/S.O. | 11. VOLTAGE RATING | 12. CURRENT RATING |
| 13. SWITCH RATING |                 | 14. ENCLOSURE TYPE | 15. FREQUENCY      |

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

| CHECK POINT                      | COND* | NOTES | CHECK POINT                             | COND* | NOTES |
|----------------------------------|-------|-------|---|-------|-------|
| EXTERIOR OF EQUIPMENT            |       |       | EQUIPMENT IDENTIFICATION                |       |       |
| COMPLETENESS OF ASSEMBLY         |       |       | BRACING                                 |       |       |
| INDICATING LIGHTS                |       |       | PROPER PHASE CONNECTIONS AND COLOR CODE |       |       |
| SWITCH FOR FREEDOM OF MOVEMENT   |       |       | ENVIRONMENTAL CLASSIFICATION            |       |       |
| ELECTRICAL/MECHANICAL INTERLOCKS |       |       | WORKING CLEARANCE                       |       |       |
| ADJUST TIMING SETTINGS           |       |       | ANCHORAGE                               |       |       |
| PROPER EQUIPMENT GROUNDING       |       |       | REFERENCE DRAWINGS                      |       |       |
| CONTACT RESISTANCE               |       |       | PROPER LUBRICATION                      |       |       |
| TIGHTNESS OF BOLTED CONNECTIONS  |       |       | PT AND CONTROL FUSE SIZE                |       |       |

### SECTION D - ELECTRICAL TESTS

|                           |       |       |       |     |     |     |
|---------------------------|-------|-------|-------|-----|-----|-----|
| 17. INSULATION RESISTANCE | A-GRD | B-GRD | C-GRD | A-B | B-C | C-A |
| @ V                       |       |       |       |     |     |     |

18. NOTES

1. SWITCH TRANSFERS ON LOSS OF NORMAL POWER AT SPECIFIED TIME DELAY.
2. SWITCH TRANSFER BACK TO NORMAL POWER ON RETURN OF NORMAL POWER SERVICE AT SPECIFIED TIME DELAY.
3. AUXILIARY CONTACTS OPERATE CORRECTLY DURING NORMAL AND ABNORMAL POWER CONDITIONS.

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