

ELECTRICAL SAFETY AND RELIABILITY AUDIT CHECK LIST
FOR
MOTOR CONTROL CENTERS (MCC'S)

MCC LOCATION I.D. #: MCC 7A:7B
MCC EQUIPMENT I.D. #: _____

MCC's

Yes No N/A

- | | | | |
|---|--------------|-----------|--------------|
| 1. Is the MCC equipped with a main disconnect? | <u> </u> | <u> </u> | <u> ✓ </u> |
| 2. Is the MCC equipped with molded case circuit breakers? | <u> ✓ </u> | <u> </u> | <u> </u> |
| 3. Is the working space clear in front of all MCC's? | <u> ✓ </u> | <u> </u> | <u> </u> |
| 4. Are all MCC's properly grounded? | <u> ✓ </u> | <u> </u> | <u> </u> |
| 5. Are all holes in doors or panels in MCC's covered with approved coverings that would withstand fault pressures and temperatures? | <u> ✓ </u> | <u> </u> | <u> </u> |
| 6. Are all required bolts or fasteners on cubicle doors? | <u> ✓ </u> | <u> </u> | <u> </u> |
| 7. Is the MCC free of corrosion? | <u> ✓ </u> | <u> </u> | <u> </u> |
| 8. Is the equipment designed to prevent exposure to energized bus when doors are open or closed? | <u> ✓ </u> | <u> </u> | <u> </u> |
| 9. Are all indicating lamps functional? | <u> ✓ </u> | <u> </u> | <u> </u> |
| 10. Is the manufacturer nameplate in place and legible? | <u> ✓ </u> | <u> </u> | <u> </u> |
| 11. Does the MCC have provisions to lock-out the equipment? | <u> ✓ </u> | <u> </u> | <u> </u> |
| 12. Is the MCC on a PPM Program? | <u> ✓ </u> | <u> </u> | <u> </u> |
| 13. Are the fuse sizes and relay settings according to standards? | <u> ✓ </u> | <u> </u> | <u> </u> |
| 14. Does the working clearance in front of all MCC's meet local code requirements? | <u> ✓ </u> | <u> </u> | <u> </u> |

DO A 045028
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THE DOW CHEMICAL COMPANY
ELECTRICAL TECHNOLOGY
GLOBAL

ADMINISTRATIVE GUIDELINE
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	Yes	No	N/A
15. Is control voltage 120 volt?	☒	☐	☐
16. Is bus system insulated or covered?	☒	☐	☐

MCC's Index Score: 3

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