



### **Guide Lines for Maintenance of SACO Mosaic Mimic Panels.**

The recommended practices for the Mosaic Mimic Panel maintenance should include but not limited to the following:

- Control room environment should be maintained at 25°C room temperature, and a maximum of 95% humidity level (Non condensing).
- All electronic components installed on the Mosaic Mimic panel, i.e. the controller, the expansion board, the output boards, the led indicators, and the power supplies should be operated and maintained according to the applicable specifications.
- The preventive maintenance for the electronics parts should include the following:
  1. Visual verification to ensure that all flat ribbon cables are connected properly.
  2. Visual verification to ensure that all led indicator cables are securely connected.
  3. A lamp test command should be routinely performed in order to ensure that all indicators are functional.
  4. Visual verification of the power supply led indicators to ensure they are always ON, thus confirming that the power supplies are delivering an output voltage.
  5. Measurement of the output voltage of the logic power supplies (5 Vdc) is within the rated voltage.
  6. Measurement of the output voltage of the indicators power supplies (24 Vdc) is within the rated voltage.
  7. Power up the spare power supplies every six months to preserve the electric properties of its components.
  8. Verify that the board led indicator is ON when the respective output point is active.
  9. Verify, by sending a system status request command, that the controller backup battery is installed and good.
- Verify the Mosaic Mimic Panel levelling every twelve months, and adjust, if necessary, using the levelling devices.
- Clean the tile surfaces periodically with a damp cloth. Heavy duty solvents should not be used.
- Due to the type of materials used on the grids, frames, and hardware, the Mosaic mimic panel structure is maintenance free.

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