

Motorsports Arena Exceedance Report Form

When carbon monoxide (CO) levels exceed 30 ppm or nitrogen dioxide (NO₂) levels exceed 0.3 ppm in an arena building that is open to the public, immediate corrective action must be taken. Follow-up testing is required and a report must be submitted to MDH within five (5) business days of the initial corrective action.

Facility Name: _____

Address: _____

Arena Manager Signature: _____

Exceedance Information

Date	Time	CO Reading	NO ₂ Reading	Printed Name

Corrective Action and Testing (Required)

- If original test shows CO > 83 ppm or NO₂ > 2.0 ppm:
 - Increase ventilation and suspend use of combustion powered equipment.
 - Retest the air in 5 minutes.
 - If readings still show CO > 83 ppm or NO₂ > 2.0 ppm, **evacuate the arena.**
 - CO levels 31-83 ppm or NO₂ levels 0.4-2.0 ppm, proceed with the steps below.
- If air reading shows CO levels 31-83 ppm or NO₂ levels 0.4-2.0 ppm
 - Increase ventilation and suspend the use of combustion powered equipment.
 - Test every 20 minutes until acceptable air quality is reached
 - If CO levels are continuously higher than 40 ppm or NO₂ levels are continuously above 0.6 ppm for an hour, **evacuate the arena.**
 - If CO levels are continuously above 30 ppm or NO₂ levels are continuously above 0.3 ppm for two hours, **evacuate the arena.**
- Once acceptable air quality is reached (CO < 30 ppm and NO₂ < 0.3 ppm), proceed with the follow-up testing on the back page.

Follow-up Testing (Required)

1. Test every 20 minutes until measurements show levels at or below 30 ppm CO and 0.3 ppm NO₂.
2. After step 1, test 20 minutes after each of the next 5 uses of ice maintenance equipment.
3. Test at least once per day for the 3 days following the exceedance. (This can include the tests in step #2)

Date	Time	CO Reading (ppm)	NO ₂ Reading (ppm)	Printed Name

Report (Required)

The owner/operator of the arena must submit a report to MDH within 5 business days that includes the information below. **PLEASE ATTACH REPORT TO THIS FORM.**

1. Why corrective action was taken in the arena.
2. Describe what corrective action was taken to reduce CO and/or NO₂ levels in the arena. (ex. increased ventilation rate, suspended the use of the combustion engines)
3. A record of all air quality tests associated with the exceedance.
4. An action plan to prevent reoccurrence.

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