

Equipment Modification FAQ

This document has been developed to provide additional clarification to the Fact Sheet titled *Is Modification to My Air Construction Permit Needed?* The example applications listed below provide additional clarification to the FAQ.

General

- 1) The ownership of my permitted equipment has changed, is a modification to my air construction permits needed?

Yes, as specified in Scenario 1 of the FAQ, a modification is necessary. Pursuant to LCCO 10.5(6)"c", permits are not transferable from one person to another. Submission of PTO applications and the filing fee should be submitted to the LCPH A&WQB within 30-days of the ownership change.

Equipment Relocation

- 2) I plan to relocate an externally vented equipment to a new location at my site. The new location of the stack will be different but all stack parameters will remain the same as permitted. Is a modification to my air construction permit needed?

Yes, as specified in Scenario 6 of the FAQ.

Stack Parameter Alterations¹

- 3) A. The stack height specified in my construction permit is 60 feet above ground but the actual stack height is 72 feet above ground. Is a modification to my air construction permit needed?

No, as specified in Scenario 10 of the FAQ, a modification is not necessary at this time and notification to the LCPH A&WQB is not required as 12 feet is less than 25% of 60 feet.

- B. The stack height specified in my construction permit is 60 feet above ground but the actual stack height 59 feet above ground. Is a modification to my air construction permit needed?

No, as specified in Scenario 11 of the FAQ, a modification is not necessary at this time and notification to the LCPH A&WQB is not required. The stack is higher than 52 feet, and its height is within one foot of the permitted value.

¹ If the equipment involved in PSD, NA NSR or SIP maintenance plan permitting then additional evaluation may be necessary. Please contact LCPH A&WQB for additional guidance.

- 4) A. The stack height specified in my construction permit is 40 feet above ground but the actual stack height 45 feet above ground. Is a modification to my air construction permit needed?

*No, as specified in **Scenario 10** of the FAQ, a modification is not necessary at this time and notification to the LCPH A&WQB is not required as five feet is less than 25% of 40 feet.*

- B. The stack height specified in my construction permit is 40 feet above ground but the actual stack height 39 feet above ground. Is a modification to my air construction permit needed?

*Yes, as specified in **Scenario 12** of the FAQ, a modification is necessary at this time. You should submit an air construction permit application to the LCPH A&WQB. The stack is less than 52 feet, and it is lower than the permitted height.*

- 5) A. The stack diameter specified in my construction permit is 48 inches but the actual diameter is 43 inches. The stack height is 70 feet above ground. Is a modification to my air construction permit needed?

*No, as specified in **Scenario 13** of the FAQ, a modification is not necessary at this time and notification to the LCPH A&WQB is not required as the diameter is within 10 inches of the permitted diameter for stack greater than 65 feet above ground.*

- B. The stack diameter specified in my construction permit is 48 inches in diameter but the actual diameter is 43 inches. The stack height is 60 feet above ground. Is a modification to my air construction permit needed?

*Maybe, as specified in **Scenario 14** of the FAQ, you should submit a request that LCPH A&WQB determine if an air construction permit modification is needed or submit an air construction permit application to the LCPH A&WQB since the diameter does not conform to the permitted diameter.*

Emission Unit Alterations

- 6) I plan to replace my existing equipment with new equipment that has the same maximum operating capacity and is functionally equivalent equipment to my existing equipment (i.e. "like-kind replacement"). Is a modification to my air construction permit needed?

*Yes, as specified in **Scenario 19** of the FAQ, a modification is necessary at this time. You should submit an air construction permit application to the LCPH A&WQB as the replaced equipment is considered new equipment and needs to be evaluated for its ability to comply with any state and federal regulations.*

- 7) I want to combust a new fuel type in my existing equipment. To accommodate the new fuel a physical modification is not necessary to my existing equipment. Is a modification to my air construction permit needed?

*Yes, as specified in **Scenario 18 or 22** of the FAQ, a modification is necessary at this time. You should submit an air construction permit application to the LCPH A&WQB as there could be an operating restriction limiting your fuel types and also because combusting a new fuel is considered a change in the method of operation.*

- 8) I want to replace my existing fan with a variable speed fan. The exhaust flow rate of the fan is rated at range of 1500 scfm to 3000 scfm. The exhaust flow rate specified in my construction permit is 2000 scfm. Is a modification to my air construction permit needed?

*Yes, as specified in **Scenario 15** of the FAQ, a modification is necessary at this time. You should submit an air construction permit application to the LCPH A&WQB since the exhaust flowrate change is greater than 25% of the permitted value. Provide the exhaust flow rate range of the variable speed fan in your air construction permit application submittal.*

- 9) A. I want to add a piece of equipment that will exhaust with multiple emission units to a single emission point. Is a modification to my air construction permit needed?

*Yes, as specified in **Scenario 23** of the FAQ, a modification is necessary at this time since the addition of the new equipment needs to be evaluated for its ability to comply with any state and federal regulations.*

- B. I want to remove a piece of equipment that exhausts with multiple emission units to a single emission point. Is a modification to my air construction permit needed?

*Yes, as specified in **Scenario 23** of the FAQ, a modification is necessary at this time since the removal of equipment will require an update to the permitted emission units.*