



**Minnesota Pollution
Control Agency**

520 Lafayette Road
St. Paul, MN 55155-4194

Hot Mix Asphalt Plants Compliance Audit

Dryer Burner
Environmental Audits

Minnesota Pollution Control Agency (MPCA) compliance audit checklists are designed to assist businesses and MPCA staff with the interpretation of Minnesota's environmental laws and rules. Because the laws and rules are numerous and often complicated, this checklist cannot be a complete guide to all your compliance obligations. If you have questions about the checklist, your obligations, or its conditions that you discover as you complete this evaluation, please contact:

Small Business Environmental Assistance Program (SBEAP)
651-282-6143 or 1-800-657-3938
<http://www.pca.state.mn.us/programs/sbap-sectors.html>

Date of Audit: _____

Company Name: _____

Authorized
Representative Name: _____ Title: _____

Maintenance of Dryer Burner

Annual Tuning of Dryer Burner

The owner or operator of a hot mix asphalt (HMA) plant must tune the dryer burner for maximum combustion efficiency once **each** calendar year.

1. Do you, the owner or operator of a HMA plant, tune the dryer burner for maximum combustion efficiency once each calendar year?

- ☐ **YES** We do tune the dryer burner for maximum combustion efficiency once **each** calendar year. Go on to the next question.
- ☐ **NO** We do not tune the dryer burner for maximum combustion efficiency once **each** calendar year. *This is a deviation and must be recorded on the DRF-2 form.* Go on to the next question.

Daily Check of Dryer Burner

The owner or operator of a HMA plant must do the following while producing HMA **each** day **except** when burning natural gas (NG) or propane: read the fuel pressure gauge on the dryer burner and check for a negative draft at the dryer burner inlet.

2. If you do not have or use NG or propane do you read the fuel pressure gauge on the dryer burner daily and check for a negative draft at the dryer burner inlet daily?

- ☐ **NO** We do **not** fire NG or propane and do read the fuel pressure gauge on the dryer burner daily and do check for a negative draft at the dryer burner inlet daily. Go on to the next question.
- ☐ **NO** We do **not** have NG or propane and do not read the fuel pressure gauge on the dryer burner. We do not check for a negative draft at the dryer burner inlet. *These are deviations and must be recorded on the DRF-2 form.* Go on to the next question.

Records kept on dryer burner

The owner or operator of a HMA plant must maintain a record of:

- A. The dates of the annual tuning of the dryer burner;
- B. The **daily** reading from the fuel pressure gauge on the dryer burner except when burning natural gas or propane;
- C. Whether there was a negative draft at the dryer burner inlet each day except when burning natural gas or propane; and
- D. Any corrective actions taken as a result of the **daily** checks.

3. Do you continue to maintain and tune the dryer burner at least once each year and *record* the date?

- ☐ **YES** We do keep **daily** records and use our Compliance calendar found at: <http://www.pca.state.mn.us/publications/manuals/sbap-calendar-hma.pdf>. Go on to the next question.
- ☐ **NO** We do not keep daily records as required. *This is a deviation and must be recorded on the DRF-2 form found at: <http://www.pca.state.mn.us/publications/forms/aq-f6-dr2.pdf>* Go on to the next question.

4. Do you continue to read the fuel pressure gauge on the dryer burner *daily* and record the readings each day?

NOTE: You do not need to record fuel pressure gauge readings if you are burning natural gas or propane.

- ☐ **YES** We do **record** fuel pressure gauge readings daily. Our readings are available upon request, or are recorded in our Compliance calendar. Go on to the next question
- ☐ **NO** We **currently** do not burn natural gas or propane and do not record fuel pressure gauge readings **daily** or not at all. *This is a deviation and must be recorded on the DRF-2 Form.* Go on to the next question.

Hour accumulating meter

5. Has your Asphalt plant installed and now operating an Hour Accumulating Meter on the dryer burner and are you using this meter to record daily hours of operation?

NOTE: This meter, to be installed by April 22, 1996, is to be wired to the dryer burner, calibrated at least once per year and operate at all times during the dryer burner operations. Hours of burner operations are recorded daily.

- ☐ **YES** Our meter is in operating order, is wired to the dryer burner and is calibrated at least once per year. All readings are recorded daily. This checklist is complete.
- ☐ **NO** We do not have an Hour Accumulating Meter on the dryer burner. *This is a deviation and must be recorded on the DRF-2 form.* This checklist is complete.