

Technical Completeness Checklist

Elyria Foundry 0247040014

FACILITY LEVEL FORM

- OK **General Information & Name/Address** - The following information was omitted from the General Information or Name/Address tabs.
- OK **Emissions Units** - The following emissions units were not included in the Title V application.
- OK **Facility Emissions** - Facility Level Form - The following pollutants which are either regulated pollutants or pollutants for which the facility is major, were omitted from the application.
- X **Applicable Requirements** - The following applicable requirements were omitted from the application.
- P007, OAC Rule 3745-17-07 is applicable to emissions units P004-P008,P010, and P025 and should be added.
- should be OAC Rule 3745-17-11 is applicable to emission unit P027 and added.
- Ok **Compliance Determination Program** - The compliance determination fields for the specified applicable requirements have the following deficiencies.
- X **Exemptions - Insignificant Activities** - The following emissions units which were listed as insignificant did not have the accompanying rule citation which categorizes them as insignificant:
- P009,P011,P014,P015,P016, P019, T001
- P011, Please delete the emissions unit and EAC forms for: P009, P014,P015, P016, P019
- OK **Confidentiality Claims** - The following confidential claims were

not accompanied by a justification.

EMISSIONS UNIT LEVEL FORM

OK **General Information - Emissions Unit ID** - The following emissions unit IDs do not correctly represent a single emissions unit.

X **General Information - Equipment Description** - The equipment descriptions for the following emissions units were either omitted or incomplete.

1. F009: Please provide a better description of equipment.
2. F010: Equipment description is incorrect. Please clarify.
3. F011: Please provide better description of equipment.
4. P007: Please indicate the number of cut-off saws.
5. P008: For sand dryer, please indicate heat input and type of fuel burned.

X **General Information - Installation, Start-Up, & Modification Dates** - The following installation, start-up, or modification dates for the specified emissions units are either incorrect or have been omitted.

to Dates in the Maintain Emissions units table should be revised to be consistent with hard copy information submitted by Envisage2/19/97. It now appears that emissions unit P024 (#2 shakeout) will need a PTI application.

OK **Schedule** - The operating schedule for the following emissions units were omitted.

X **Process Flow Diagrams** - Process flow diagrams were omitted for the following emissions unit(s).

1. F010/F011: Please submit revised diagram showing better dust pickup

points and equipment. Baghouse identifications are incorrect.

2. P006: Please submit revised flow diagram. The one submitted shows wet collector.

3. P008: Please review flow diagram: two collectors are shown: AAF wet collector and a Sly baghouse.

4. P025: Flow diagram shows wet scrubber; application lists fabric filter baghouse. Please revise.

5. P028: The flow diagram submitted is inaccurate. Please submit a revision.

 OK **Compliance Certification** - Compliance plans were omitted or were not complete for the following emissions units which were listed as non-compliant.

 X **Estimated Maximum Emissions - Emission Unit Level Form**
- The following pollutants were omitted from the specified emissions unit level form.

1. F005: Please check PTI 02-9188 for allowable limits for VOC and PM. At the present time, the Ohio EPA and the OCMA are working to develop better emission factors for VOC emissions from core/mold making.

2. F010: Maximum annual limit for PM is incorrect; PTI 02-8154 limits emissions to 7.2 tons per year.

3. F011: Maximum annual limit for PM is incorrect; PTI 02-8154 limits emissions to 7.2 tons per year.

 X **Emissions Egress Points** - The following egress points were not included for the specified emissions units.

P010: Fugitive emissions?

 X **Control Equipment** - Some or all of the control equipment for the following emissions units were either omitted or incorrectly

included.

1. P008: Flow diagram shows two collectors; application lists only one collector.

2. P027: No control equipment is identified to be associated with this emissions unit.

 X **Maintain Control Equipment** - The following information for the specified pieces of control equipment was omitted.

The pressure drop range is required information for fabric filterbaghouses. No pressure drop range was given for the following baghouses: 11,12,13,14,16,2,3,4,5,6,8,9,10. One value only was given for the following baghouses: 1,7,15,17. The normal operating range for pressure drop or pressure differential should be given for each baghouse. Please include the units of measurement.

 OK **Confidentiality Claims** - The following confidential claims were not accompanied by a justification.