



State of Ohio Environmental Protection Agency

*Mercer  
w/d*

**Northwest District Office**

347 North Dunbridge Rd.  
Bowling Green, OH 43402-9398

TELE: (419) 352-8461 FAX: (419) 352-8468  
www.epa.state.oh.us

Ted Strickland, Governor  
Lee Fisher, Lieutenant Governor  
Chris Korleski, Director

RE: Mercer County  
Celina Aluminum Precision Technology  
Indirect Discharge Permit

June 30, 2009

Mr. Kurt E. Duncan, EHS  
Celina Aluminum Precision Technology  
1059 Staeger Road  
Celina, Ohio 45822

Dear Mr. Duncan:

On October 29, 2008, a pretreatment compliance inspection was conducted at your facility. A tour of the facility was given and you provided answers for our inspection checklist. Our inspection indicated compliance with the pretreatment rules at this time.

The installation of the knuckle production lines has been completed and all four cells are now in operation. The average flow from the treatment process has increased to 134,341 gallons per day. The facility continues to chemically treat the wastewater to settle out metals. The facility and treatment system are well maintained.

A review of your monthly reports from January 2007 through December 2008, indicate violations of the terms and conditions of your indirect discharge permit. The specific instances of noncompliance are below:

Violation Date	Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value
11/8/2007	001	01062	Molybdenum (Mo)	1D Conc	5.0	76.
8/1/2008	001	00550	Oil and Grease, Total	30D Conc	11.34	19.1666
8/28/2008	001	00550	Oil and Grease, Total	1D Conc	33.94	57.5
11/1/2008	001	00550	Oil and Grease, Total	30D Conc	11.34	32.8
11/6/2008	001	00550	Oil and Grease, Total	1D Conc	33.94	65.6

A copy of the inspection report is enclosed. If you have any questions, please contact me at 419-373-3019.

Sincerely,

*Michelle Sharp*  
Michelle Sharp  
Division of Surface Water  
/lb

Enclosure

Pc: Ryan Laake, DSW, CO w/ attachments  
Kerry Duncan, Superintendent, Celina WWTP w/ attachments  
**NWDO-DSW, File w/ attachments**



## IU SITE VISIT DATA SHEET

### I. IU SITE VISIT REPORT FORM

**INSTRUCTIONS:** Record observations made during the IU site visit. Provide as much detail as possible.

Name and address of industry: Celina Aluminum Precision Technology 7059 Staeger Rd Celina Ohio 45822

Date of visit: October 29, 2008

Time of visit: 1:00 PM

Name(s) of inspector(s): Michelle Sharp, ESII

Provide Name(s) and titles(s) of industry representative(s):

Name	
Kurt Duncan	Coordinator

Classification assigned by CA:

Did the CA inspector review/obtain the following as part of the industrial inspection?

1. Description of the products manufactured or the services provided by the IU.
2. Verification of the IU's classification or discussion of any changes.
3. Description of any significant changes in processes or flow.
4. Identification of the raw materials and processes used. (Including a discussion of where wastewater is produced and discharged and attach a step-by-step diagram if possible.)
5. Description of the sample location and any differences in Ca and IU locations.
6. Description of the treatment system which is in place.
7. Identification of the chemicals that are maintained onsite and how they are stored. (Attach list of chemicals, if available.)  
Discussion regarding the adequacy of spill prevention.
8. Discussion regarding whether hazardous wastes are stored or discharge and any related problems.

Notes:

(revised November 1996)

**IU SITE VISIT DATA SHEET (Continued)**

IU Name: CAPT	Date: October 29, 2009
Notes:	

IU SITE VISIT REPORT FORM COMPLETED BY: Michelle Sharp TITLE: ESII	DATE: <del>April 6, 2007</del> June 30, 2009 TELEPHONE: 419-373-3019
--	---

## INDUSTRIAL USER INSPECTION CHECKLIST

Facility: Celina Aluminum Precision Technology

Date of inspection: October 29, 2008

OH Number: OHP000026

IDP Number: ZDP00007

Facility Representative: Kurt Duncan

Inspector(s): Michelle Sharp

---

### COMPLIANCE

---

1. Date of last pretreatment inspection: January 2007
  
2. Has the facility been in compliance with its permit limits since the last inspection?  
If no, explain: Y
  
3. Is the facility in compliance with all other requirements?  
Sampling procedures Y  
Reporting (late reporting, failure to report, etc) Y  
Compliance schedules NA  
Submitted BMR and 90 day compliance reports NA  
Any other requirements NA  
  
If any of the above five answers is no, explain:
  
4. Was the facility required to perform any actions as a result of the last inspection?  
Explain any unresolved actions: N

---

### FACILITY OPERATIONAL CHARACTERISTICS

---

5. Number of Employees: 520
6. Shifts/Day: 3 Shifts
7. Production Days/Year: 275
8. Hours/shift: 8 hours
  
9. Any production changes since the last inspection? Y  
If yes, explain:  
Knuckle equipment has been installed, there are now 4 complete cells.
  
10. General facility description and operations:  
Aluminum foundry with some machining.



WASTEWATER TREATMENT CONTINUED

19. Is there an alarm system for the system? Y  
Explain:  
Some high level alarms and pH alarms.

20. Is there an operations and maintenance manual? Y

21. Is an inventory of critical spare parts maintained? Y  
If yes, list:  
Pump parts, pH meters, probes, and mixers.

22. Are there any bypasses in the system? N  
If yes, describe the location:

Have bypasses occurred since the last inspection? NA

Was the POTW notified? NA

23. Are residuals or sludges generated? Y

Method of disposal:  
Landfill

Frequency and amount of disposal:  
Once per 6 weeks (20 cubic yard rolloff)

Name of hauler/landfill/disposal facility:  
Countryside/Bellefountain Cherokee Landfill

Is any sludge generated subject to RCRA regulations? N

If land applying sludge, is there a sludge management plan? NA



## SELF MONITORING

---

26. Sample location(s) described in the facility's permit:  
Weir box.
27. Is the facility sampling at the location(s) described in the permit? Y  
If no, describe the actual location:
28. Is the location(s) where the facility is sampling representative? Y  
If no, indicate a representative location:
29. Is the flow measured or estimated? Measured  
  
If measured, how often is the meter calibrated?  
Once per year  
  
If estimated, describe method of estimation:
30. Is pH monitored continuously? Y  
If yes, how often is the meter calibrated?  
Once per week.
31. Does the facility collect its own samples? Y  
If no, specify the sample collector:
32. Are appropriate sampling procedures followed? Y  
Monitoring frequencies Y  
Sample collection (grab for pH, O&G, CN, phenols, VOCs) Y  
Flow proportioned samples Y  
Proper preservation techniques Y  
Sample holding times Y  
Chain-of-custody forms Y
33. Are samples analyzed in accordance with 40 CFR 136? Y
34. Laboratory conducting analyses:  
Alloway

**TOXICS MANAGEMENT**

---

35. Are any listed toxic organics used in the facility? Y  
If yes, identify organics:  
Miscellaneous cleaners.
36. Does the facility have a current toxic organic management plan(TOMP)? N  
If yes, is it being implemented? Facility completes semiannual testing NA
37. Has the facility had any uncontrolled releases or spills to the POTW since the previous inspection? If yes, please explain: Y  
August 2008
38. Does the facility need a spill prevention plan or slug discharge control plan? Y  
If yes, does the facility have a written plan? Has SPCC for oil Y
39. Identify any potential slug load or spill areas:

---

**REQUIRED FOLLOW-UP ACTIONS**

---