



State of Ohio Environmental Protection Agency

*Mercer  
white/orange*

**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  
QualiTec Metal Finishers, Inc.  
Pretreatment Industrial User

June 30, 2009

Mr. Jon Kriegel, President  
QualiTec Metal Finishers, Inc.  
P. O. Box 109  
Celina, Ohio 45822

Dear Mr. Kriegel:

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

Operations done at this facility are phosphating, zinc plating, electroless nickel, and black oxide. The facility runs three (3) shifts per day five (5) days per week. The rinse tanks are dumped once a day before a line starts and it is this water that is treated and sent to the City of Celina wastewater treatment plant. The concentrated tanks are shipped off site using United Waste.

A review of your discharge monitoring reports from June 2006 through December 2008 indicates the following violations of your indirect discharge permit:

Violation Date	Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value
6/30/2006	001	01092	Zinc, Total (Zn)	1D Conc	1000	1050.
7/14/2006	001	01092	Zinc, Total (Zn)	1D Conc	1000	1210.
7/24/2006	001	01092	Zinc, Total (Zn)	1D Conc	1000	1080.
9/8/2006	001	01092	Zinc, Total (Zn)	1D Conc	1000	1010.
11/22/2006	001	01092	Zinc, Total (Zn)	1D Conc	1000	1380.

Violation Date	Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value
12/28/2006	001	01092	Zinc, Total (Zn)	1D Conc	1000	1230.
1/19/2007	001	01092	Zinc, Total (Zn)	1D Conc	1000	1880.
1/22/2007	001	01092	Zinc, Total (Zn)	1D Conc	1000	1350.
3/14/2007	001	01092	Zinc, Total (Zn)	1D Conc	1000	1250.
5/7/2007	001	01092	Zinc, Total (Zn)	1D Conc	1000	1140.
5/22/2007	001	01092	Zinc, Total (Zn)	1D Conc	1000	1560.
6/15/2007	001	01092	Zinc, Total (Zn)	1D Conc	1000	2060.
7/2/2007	001	01092	Zinc, Total (Zn)	1D Conc	1000	1290.
7/16/2007	001	01092	Zinc, Total (Zn)	1D Conc	1000	1070.
10/22/2007	001	01092	Zinc, Total (Zn)	1D Conc	1000	1130.
1/21/2008	001	01092	Zinc, Total (Zn)	1D Conc	1000	1040.
3/28/2008	001	01092	Zinc, Total (Zn)	1D Conc	1000	1060.
5/21/2008	001	01092	Zinc, Total (Zn)	1D Conc	1000	1050.
6/20/2008	001	01092	Zinc, Total (Zn)	1D Conc	1000	1490.
9/3/2008	001	01092	Zinc, Total (Zn)	1D Conc	1000	1280.
12/8/2008	001	01092	Zinc, Total (Zn)	1D Conc	1000	1450.
12/16/2008	001	01092	Zinc, Total (Zn)	1D Conc	1000	1420.
12/22/2008	001	01092	Zinc, Total (Zn)	1D Conc	1000	1340.

Mr. Jon Kriegel, President  
June 30, 2009  
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In addition to these effluent violations the reports also indicate 77 frequency violations. It is important that you sample and report your effluent as indicated by the conditions of your permit.

If you have any questions, please call me at 419-373-3019.

Sincerely,



Michelle Sharp  
Environmental Specialist II  
Division of Surface Water

/llr

Enclosure

pc: CDSW-NWDO File w/ attachments  
Kerry Duncan, Superintendent-City of Celina w/ attachments  
Ryan Laake, DSW-CO w/ attachments

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## 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: QualiTec Metal Finishers 441 Grand Lake Road, Celina, Ohio 45822

Date of visit: October 29, 2008

Time of visit: 10:00 AM

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

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

Name	Title
Nick Schumacher	Operator
Jon Kriegel	President

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: QualiTec	Date: October 29, 2008
Notes:	

IU SITE VISIT REPORT FORM COMPLETED BY: Michelle Sharp TITLE: ESII	DATE: April 6, 2007 TELEPHONE: 419-373-3019
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(revised November 1996)

# INDUSTRIAL USER INSPECTION CHECKLIST

Facility: QualiTec Metal Finishers

Date of inspection: October 29, 2008

OH Number:

IDP Number:

Facility Representative: Jon Kriegel

Inspector(s): Michelle Sharp

## COMPLIANCE

1. Date of last pretreatment inspection: August 8, 2006
2. Has the facility been in compliance with its permit limits since the last inspection? Y  
If no, explain:  
Zink
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? Y  
Explain any unresolved actions:  
None

## FACILITY OPERATIONAL CHARACTERISTICS

5. Number of Employees: 38
6. Shifts/Day: 3 Shifts
7. Production Days/Year: 240
8. Hours/shift: 8 hours
9. Any production changes since the last inspection? Y  
If yes, explain:  
Hexavalent to trivalent chrome.
10. General facility description and operations:  
Metal finisher

**FACILITY OPERATIONAL CHARACTERISTICS CONTINUED**

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11. Any change in materials used in production since the last inspection? Y  
If yes, explain:  
Hexavalent to trivalent chrome and nickel is no longer used.
12. Any expansion or production increase expected within the next year? Y  
If yes, explain:  
Hopeful for a production increase.

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**WASTEWATER TREATMENT**

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13. Provide a schematic diagram and description of the wastewater treatment system:
14. Was a PTI issued for the treatment system? Y
15. Were there any modifications to the treatment system since the previous inspection? Y  
If yes, was a PTI obtained? N  
PTI Number: \_\_\_\_\_ Date: \_\_\_\_\_
16. What is the treatment mode of operation? Continuous  
If batch, list the frequency and duration:
17. Who is responsible for operating the treatment system?  
Nick Schumacher, Chemist
18. How often is the treatment system checked?  
Every Shift.

WASTEWATER TREATMENT CONTINUED

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19. Is there an alarm system for the system? Y  
Explain:  
pH and ORP 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, extra pumps, extra chemicals, and test chemicals.

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:  
Local Landfill

Frequency and amount of disposal:  
A 20-25 yard container every 2 months

Name of hauler/landfill/disposal facility:  
Allied to Celina Landfill

Is any sludge generated subject to RCRA regulations? N

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



**SELF MONITORING**

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26. Sample location(s) described in the facility's permit:  
Manhole on South side of facility.
27. Is the facility sampling at the location(s) described in the permit? N  
If no, describe the actual location:  
Edge of facility before manhole.
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? Estimated  
If measured, how often is the meter calibrated?  
If estimated, describe method of estimation:  
Based on water usage.
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:  
Wastewater management in Cleveland, Ohio
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**TOXICS MANAGEMENT**

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35. Are any listed toxic organics used in the facility? N  
If yes, identify organics:
36. Does the facility have a current toxic organic management plan(TOMP)? NA  
If yes, is it being implemented? NA
37. Has the facility had any uncontrolled releases or spills to the POTW since the previous inspection? If yes, please explain: Y  
A faulty pump caused water to be pumped through the system without being treated.
38. Does the facility need a spill prevention plan or slug discharge control plan? NA  
If yes, does the facility have a written plan? NA
39. Identify any potential slug load or spill areas:

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**REQUIRED FOLLOW-UP ACTIONS**

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