



Mitchell E. Daniels, Jr.
Governor

Thomas W. Easterly
Commissioner

100 North Senate Avenue
Indianapolis, Indiana 46204
(317) 232-8603
(800) 451-6027
www.IN.gov/idem

TO: Interested Parties / Applicant
DATE: March 29, 2006
RE: USS - AKJ Industries, Inc. / 089-22739-00505
FROM: Nisha Sizemore
Chief, Permits Branch
Office of Air Quality

Notice of Decision – Approval

Please be advised that on behalf of the Commissioner of the Department of Environmental Management, I have issued a decision regarding the enclosed matter. Pursuant to 326 IAC 2, this approval was effective immediately upon submittal of the application.

If you wish to challenge this decision, IC 4-21.5-3-7 requires that you file a petition for administrative review. This petition may include a request for stay of effectiveness and must be submitted to the Office of Environmental Adjudication, 100 North Senate Avenue, Government Center North, Room 1049, Indianapolis, IN 46204, **within eighteen (18) calendar days from the mailing of this notice**. The filing of a petition for administrative review is complete on the earliest of the following dates that apply to the filing:

- (1) the date the document is delivered to the Office of Environmental Adjudication (OEA);
- (2) the date of the postmark on the envelope containing the document, if the document is mailed to OEA by U.S. mail; or
- (3) The date on which the document is deposited with a private carrier, as shown by receipt issued by the carrier, if the document is sent to the OEA by private carrier.

The petition must include facts demonstrating that you are either the applicant, a person aggrieved or adversely affected by the decision or otherwise entitled to review by law. Please identify the permit, decision, or other order for which you seek review by permit number, name of the applicant, location, date of this notice and all of the following:

- (1) the name and address of the person making the request;
- (2) the interest of the person making the request;
- (3) identification of any persons represented by the person making the request;
- (4) the reasons, with particularity, for the request;
- (5) the issues, with particularity, proposed for considerations at any hearing; and
- (6) identification of the terms and conditions which, in the judgment of the person making the request, would be appropriate in the case in question to satisfy the requirements of the law governing documents of the type issued by the Commissioner.

If you have technical questions regarding the enclosed documents, please contact the Office of Air Quality, Permits Branch at (317) 233-0178. Callers from within Indiana may call toll-free at 1-800-451-6027, ext. 3-0178.

Enclosures
FNPER-AM.dot 03/23/06



INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

We make Indiana a cleaner, healthier place to live.

Mitchell E. Daniels, Jr.
Governor

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Indianapolis, Indiana 46204
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Mr. Kenneth D. Burnside
USS – AKJ Industries, Inc.
10175 Six Mile Cypress Parkway
Fort Myers, Florida 33912

March 29, 2006

Dear Mr. Burnside:

Re: Exempt Construction and Operation Status,
089-22739-00505

The application from USS – AKJ Industries, Inc., received on March 3, 2006, has been reviewed. Based on the data submitted and the provisions in 326 IAC 2-1.1-3, it has been determined that the following emission units, to be located at One North Broadway Avenue, Gary, Indiana, are classified as exempt from air pollution permit requirements:

- (a) One (1) mixing tank, identified as T001, with a maximum capacity of 3000 gallons, and a maximum processing capacity of 4000 gallons in eight (8) hours.
- (b) Two (2) storage tanks, identified as T002 and T003, with maximum storage capacities of 10,000 gallons and 6000 gallons, respectively.

The following conditions shall be applicable:

- (1) Pursuant to 326 IAC 5-1-2 (Opacity Limitations) except as provided in 326 IAC 5-1-3 (Temporary Alternative Opacity Limitations), opacity shall meet the following:
 - (a) Opacity shall not exceed an average of twenty percent (20%) in any one (1) six (6) minute averaging period as determined in 326 IAC 5-1-4.
 - (b) Opacity shall not exceed sixty percent (60%) for more than a cumulative total of 15 minutes (60 readings) in a 6-hour period as measured according to 40 CFR 60, Appendix A, Method 9 or fifteen (15) one (1) minute nonoverlapping integrated averages for a continuous opacity monitor in a six (6) hour period.
- (2) Pursuant to 326 IAC 8-9-6, the Permittee shall maintain the following records for the life of the tanks identified as T001, T002, and T003, and submit to the department a report containing the following information for each tank:
 - (a) The vessel identification number.
 - (b) The vessel dimensions.
 - (c) The vessel capacity.

This existing source has submitted their Part 70 application T089-22772-00505 on March 3, 2006. The equipment being reviewed under this exemption shall be incorporated in the submitted Part 70 application.

This exemption is the first air approval issued to USS – AKJ Industries, Inc. (089-00505).

An application or notification shall be submitted in accordance with 326 IAC 2 to the Office of Air Quality (OAQ) if the source proposes to construct new emission units, modify existing emission units, or otherwise modify the source.

Sincerely,

Original signed by
Nisha Sizemore, Branch Chief
Permits Branch
Office of Air Quality

MDM

cc: File - Lake County
Lake County Health Department
Air Compliance – Rick Massoels/Ramesh Tejuja
Northwest Regional Office
Permit Tracking
Compliance Data Section
Part 70 Application File - T-089-22772-00505

**Indiana Department of Environmental Management
Office of Air Quality**

Technical Support Document (TSD) for an Exemption

Source Background and Description

Source Name:	USS - AKJ Industries, Inc.
Source Location:	One North Broadway, Gary, IN 46402
County:	Lake
SIC Code:	3312
Exemption No.:	089-22739-00505
Permit Reviewer:	Madhurima D. Moulik

The Office of Air Quality (OAQ) has reviewed an application from USS- AKJ Industries, Inc., relating to the construction and operation of a process to convert coal tar decanter sludge to pumpable fuel for alternative uses in the coke plant at US Steel – Gary Works. This operation is located at the site of US Steel – Gary Works, One North Broadway, Gary, Indiana.

Source Definition

US Steel - Gary Works is an integrated steel mill that consists of a main mill and eleven (11) on-site contractors as listed below, including AKJ Industries, Inc.:

- (a) U. S. Steel - Gary Works, plant I.D. 089-00121, the primary operation, located at One North Broadway, Gary, Indiana 46402;
- (b) USS - Brandenburg Industrial Service Company, plant I.D. 089-00176, a supporting operation, located at One North Broadway, Gary, Indiana 46402;
- (c) USS - Central Teaming Company, plant I.D. 089-00172, a supporting operation, located at One North Broadway, Gary, Indiana 46402;
- (d) USS - Gary Coal Processing, LP plant I.D. 089-00169, a supporting operation, located at One North Broadway, Gary, Indiana 46402;
- (e) USS - Heckett Multiserv, plant I.D. 089-00170, a supporting operation, located at One North Broadway, Gary, Indiana 46402;
- (f) USS - Heritage Slag Products, LLC., plant I.D. 089-05210, a supporting operation, located at One North Broadway, Gary, Indiana 46402;
- (g) USS - International Mill Service, Inc. plant I.D. 089-00132, a supporting operation, located at One North Broadway, Gary, Indiana 46402;
- (h) USS - Koppers, Inc., plant I.D. 089- 00180, a supporting operation, located at One North Broadway, Gary, Indiana 46402;
- (i) USS – Edward C. Levy Company, plant I.D. 089-00133, a supporting operation, located at One North Buchanan Street, Gary, Indiana 46402;

- (j) USS - Mid-Continent Coal and Coke Company, plant I.D. 089-00173, a supporting operation, located at One North Broadway, Gary, Indiana 46402;
- (k) USS - Tube City, Inc., plant I.D. 089-00174, a supporting operation, is located at One North Broadway, Gary, Indiana 46401; and
- (l) USS - AKJ Industries, Inc., a supporting operation, is located at One North Broadway, Gary, Indiana 46402. USS – AKJ Industries, Inc., is assigned plant I. D. 089-00505.

IDEM has determined that U.S. Steel – Gary Works and each of the on-site contractors are under the common control of U.S. Steel - Gary Works. These plants are considered as one source due to contractual control.

Separate Part 70 permits will be processed for US Steel - Gary Works and each on site contractor, including AKJ Industries, Inc., solely for administrative purposes. A separate Part 70 permit (no. T089-22772-00505) will be issued to USS - AKJ Industries, Inc., for administrative purposes only. The term “source” in this document refers to US Steel – Gary Works, and its on-site contractors.

New Emission Units and Pollution Control Equipment – USS - AKJ Industries, Inc. (089-00505)

This operation consists of the following new emission units and pollution control devices:

- (a) One (1) mixing tank, identified as T001, with a maximum capacity of 3000 gallons, and a maximum processing capacity of 4000 gallons in eight (8) hours.
- (b) Two (2) storage tanks, identified as T002 and T003, with maximum storage capacities of 10,000 gallons and 6000 gallons, respectively.

Existing Approvals

This is the first air approval issued to USS - AKJ Industries, Inc. (089-00505).

Enforcement Issue

There are no enforcement actions pending against USS - AKJ Industries, Inc. (089-00505).

Stack/Vent Summary

Vent ID	Operation	Height (ft)	Diameter (ft)	Flow Rate (acfm)	Temperature (°F)
T001 Vent 1	Mixing	16.5	0.17	-	120
T001 Vent 2	Mixing	16.5	0.17	-	120
T002 Vent	Storage	16.5	0.33	-	120
T003 Vent	Storage	16.5	0.33	-	Ambient

Recommendation

The staff recommends to the Commissioner that the construction and operation be approved. This recommendation is based on the following facts and conditions:

Unless otherwise stated, information used in this review was derived from the application and additional information submitted by the applicant.

A complete application for the purposes of this review was received on March 3, 2006.

Emission Calculations – USS - AKJ Industries, Inc. (089-00505)

The calculations submitted by USS - AKJ Industries, Inc. have been verified and found to be accurate and correct. The summary of the calculations is as follows:

The applicant has based the emissions from the mixing tank and two (2) storage tanks on the highest VOC content of the sludge, assuming that the entire VOC and HAP content of the annual throughput of sludge is emitted.

Highest VOC content of sludge = 0.000546 lb/gallon
Maximum sludge processing capacity at operation = 4000 gallons every hours = 4,380,000 gallons per year.

Therefore, potential to emit of VOC (assuming 100% is emitted) = 2391.5 lb per year = **1.2 tpy**

HAP: The sludge contains naphthalene, benzene, toluene, and xylenes, with benzene (highest HAP content) comprising 57% of the total HAPs.

Potential to emit of single HAP = 0.57* 1.2 tpy = **0.68 tpy**
Potential to emit of a combination of HAPs = **1.2 tpy**

Potential to Emit Before Controls – USS - AKJ Industries, Inc. (089-00505)

Pursuant to 326 IAC 2-1.1-1(16), Potential to Emit is defined as “the maximum capacity of a stationary source or emissions unit to emit any air pollutant under its physical and operational design. Any physical or operational limitation on the capacity of a source to emit an air pollutant, including air pollution control equipment and restrictions on hours of operation or type or amount of material combusted, stored, or processed shall be treated as part of its design if the limitation is enforceable by the U.S. EPA, the department, or the appropriate local air pollution control agency.”

Pollutant	Potential to Emit (tons/yr)
PM	Negligible
PM-10	Negligible
PM2.5	Negligible
SO ₂	Negligible
VOC	1.2
CO	Negligible
NO _x	Negligible

HAPs	Potential to Emit (tons/yr)
Single HAP	Less than 10
Combination HAPs	Less than 25

- (a) The potential to emit (as defined in 326 IAC 2-7-1(29)) of VOC at this facility is less than the level listed in 326 IAC 2-1.1-3(d)(1). In addition, the potential to emit (as defined in 326 IAC 2-7-1(29)) of any single HAP is less than ten (10) tons per year and the potential to emit (as defined in 326 IAC 2-7-1(29)) of a combination of HAPs is less than twenty-five (25) tons per year. Therefore, the emission units are subject to the provisions of 326 IAC 2-1.1-3. An exemption will be issued for the emission units listed in the section titled “New Emission Units and Pollution Control Equipment – USS - AKJ Industries, Inc. (089-00505)” above.

County Attainment Status

The source is located in Lake County.

Pollutant	Status
PM-10	Attainment
PM2.5	Nonattainment
SO ₂	Nonattainment
NO ₂	Nonattainment
1-hr Ozone	Severe Nonattainment
8-hr Ozone	Moderate Nonattainment
CO	Attainment
Lead	Attainment

- (a) Volatile organic compounds (VOC) and nitrogen oxides (NO_x) are regulated under the Clean Air Act (CAA) for the purposes of attaining and maintaining the National Ambient Air Quality Standards (NAAQS) for ozone.
- (1) On January 26, 1996 in 40 CFR 52.777(i), the U.S. EPA granted a waiver of the requirements of Section 182(f) of the CAA for Lake and Porter Counties, including the lower NO_x threshold for nonattainment new source review. Therefore, VOC emissions alone are considered when evaluating the rule applicability relating to the 1-hour ozone standard. Lake County has been designated as severe nonattainment in Indiana for the 1-hour ozone standard. Therefore, VOC emissions were reviewed pursuant to the requirements for Emission Offset, 326 IAC 2-3.
- (2) VOC and NO_x emissions are considered when evaluating the rule applicability relating to the 8-hour ozone standard. Lake County has been designated as moderate nonattainment for the 8-hour ozone standard. Therefore, VOC and NO_x emissions were reviewed pursuant to the requirements for Emission Offset, 326 IAC 2-3.
- (b) U.S. EPA, in the Federal Register Notice 70 FR 943 dated January 5, 2005, has designated Lake County as nonattainment for PM_{2.5}. On March 7, 2005 the Indiana Attorney General's Office, on behalf of IDEM, filed a law suit with the Court of Appeals for the District of Columbia Circuit challenging U.S. EPA's designation of nonattainment areas without sufficient data. However, in order to ensure that sources are not potentially liable for a violation of the Clean Air Act, the OAQ is following the U.S. EPA's guidance to regulate PM₁₀ emissions as a surrogate for PM_{2.5} emissions pursuant to the requirements of Emission Offset, 326 IAC 2-3.
- (c) U.S. EPA redesignated Lake Co. to attainment for SO₂ on September 26, 2005. This redesignation has not been incorporated into state rule 326 IAC 1-1-3. Therefore, Lake County is designated as nonattainment for SO₂, and SO₂ emissions were reviewed pursuant to the requirements for Emission Offset, 326 IAC 2-3.
- (d) Lake County has been designated as attainment or unclassifiable for all other criteria pollutants. Therefore, the emissions of PM-10, Pb, and CO were reviewed pursuant to the requirements for Prevention of Significant Deterioration (PSD), 326 IAC 2-2.
- (e) IDEM has determined that U.S. Steel – Gary Works and USS - AKJ Industries, Inc. are under the common control of U.S. Steel - Gary Works. These plants are considered as one source due to contractual control. Since this source is classified as an iron and steel

mill under 326 IAC 2-7-1(22)(B)(5), it is considered one of the twenty-eight (28) listed source categories, as specified in 326 IAC 2-2-1(gg)(1).

- (f) Fugitive Emissions
IDEM has determined that U.S. Steel – Gary Works and USS - AKJ Industries, Inc. are under the common control of U.S. Steel - Gary Works. These plants are considered as one source due to contractual control. Since this type of operation is one of the twenty-eight (28) listed source categories under 326 IAC 2-2, the fugitive emissions are counted toward determination of PSD and Emission Offset applicability.

Source Status – US Steel - Gary Works (089-00121) and USS- AKJ Industries, Inc. (089-00505)

Existing Source PSD, Part 70, or FESOP Definition (emissions after controls, based on 8760 hours of operation per year at rated capacity and/or as otherwise limited):

Pollutant	Emissions (tons/yr)
PM	Greater than 100
PM-10	Greater than 100
SO ₂	Greater than 100
VOC	Greater than 25
CO	Greater than 100
NO _x	Greater than 100
Single HAP	Greater than 10
Combination HAPs	Greater than 25

- (a) This existing source is a major stationary source because it is in one of the 28 listed source categories and at least one regulated pollutant is emitted at a rate of 100 tons per year or greater.
- (b) These emissions were based on the application for Part 70 permit No. 089-7663-00121 (US Steel – Gary Works).

Part 70 Permit Determination

326 IAC 2-7 (Part 70 Permit Program) – US Steel - Gary Works (089-00121) and USS - AKJ Industries, Inc. (089-00505)

IDEM has determined that U.S. Steel – Gary Works and each of the on-site contractors are under the common control of U.S. Steel - Gary Works. These plants are considered as one source due to contractual control.

Separate Part 70 permits will be processed for US Steel - Gary Works and AKJ Industries, Inc., solely for administrative purposes. USS - AKJ Industries, Inc. has submitted their Part 70 application on March 3, 2006. The Part 70 permit for USS – AKJ Industries, Inc. will be issued under permit no. T089-22772-00505. The equipment being reviewed under this exemption (no. 089-22739-00505) shall be incorporated in the Part 70 No. T089-22772-00505.

Federal Rule Applicability – USS - AKJ Industries, Inc. (089-00505)

- (a) The mixing and storage tanks identified as T001, T002, and T003 at USS - AKJ Industries, Inc. (089-00505) are not subject to the requirements of the New Source Performance Standard for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984, 40 CFR 60.110b, Subpart Kb, since each tank has maximum storage capacity below 75 m³.

- (b) The mixing and storage tanks identified as T001, T002, and T003 at USS - AKJ Industries, Inc. (089-00505) are not subject to the requirements of the National Emission Standards for Hazardous Air Pollutants (NESHAP) for Miscellaneous Organic Chemical Manufacturing, 40 CFR 63, Subpart FFFF, since the process does not involve the manufacture of any organic chemicals, and only includes a process of heating and mixing of coal tar with oil in order to produce a homogenous coal tar having uniform viscosity.

State Rule Applicability – USS - AKJ Industries, Inc. (089-00505)

State rule applicability for the entire source (US Steel – Gary Works (089- 00121) and USS - AKJ Industries, Inc. (089 -00505)), will be included in the Part 70 permit no. T089-22772-00505 to be issued to USS - AKJ Industries, Inc.

The state rule applicabilities for the tanks T001, T002, and T003 are as follows:

326 IAC 2-3 (Emission Offset)

The applicability of emission offset rule (326 IAC 2-3) is as follows:

- (1) Lake County is classified as a severe nonattainment area for 1-hour ozone. Since US Steel - Gary Works is located in Lake County, the proposed modification must be evaluated to determine if it is a minor modification in terms of 326 IAC 2-3 by determining if the VOC emissions increase is de minimis (326 IAC 2-3-1(z)). De minimis means a VOC increase that does not exceed twenty-five (25) tons per year when the net emissions increases from the proposed modification are aggregated with all other net emissions increases from the source over a five (5) consecutive calendar year period prior to, and including, the year of the modification (326 IAC 2-3-1(q)).
- (2) The following table shows all issued air approvals for US Steel - Gary Works and its contractors from calendar years 2001 to 2006. Contractors with no issued air approvals after December 2000 have not been included.

Acronyms of Permit Type:

SSM	--	Significant Source Modification
RR	--	Review Request
MSM	-	Minor Source Modification
E	--	Exemption
SPM	--	Significant Permit Modification
AA	--	Administrative Amendment

Table 1 - - VOC Net Emissions Increases From 2001 to 2006

Company Name	Permit	Issuance Date	Permit Type	Project	VOC (tons/year)
USS – AKJ Industries, Inc.	22739	Pending	Exemption	Conversion of Coal Tar to Fuel	1.2
US Steel Gary Works (089-00121)	20118	10/20/2005	SSM	No. 14 Blast Furnace (13 Blast Furnace Reline)	0.054
	19709	05/02/2005	SSM	84-Inch Hot Strip Mill	1.06
	19678	10/29/2004	SSM	Temporary Rental Boiler and Coke Plant Boilers	6.51
	18862	05/27/2004	RR	Nos. 5 & 6 ET Lines Fumes/Mist Collector	0
	16365	09/16/2004	RR	CAA 122(j) Applicability Determination	0
	16676	02/11/2003	RR	Experimental Operation in No. 3 Sinter Plant	0
	15694	08/21/2002	MSM	Electro galvanizing Line Package Boiler upgrade	0.54
	15929	06/20/2002	E	BOP Building Roof monitor Control	0

Table 1 - - VOC Net Emissions Increases From 2001 to 2006

Company Name	Permit	Issuance Date	Permit Type	Project	VOC (tons/year)
US Steel Gary Works (089-00121)	15358	03/22/2002	RR	Exp Operation #1 BOP Prototype Fugitive Control	0
	15121	03/14/2002	MSM	Nos. 5 & 7 Batteries Baghouse Replacement	0
	14988	07/19/2002	SPM	160/210-inch Plate Mill Heat Treatment Furnace (natural gas fuel limitation)	0.42
	14950	11/30/2001	AA	Amendment of MSM 14658	0
	14692	12/17/2001	E	Coal Binding/Conveyance Unit	0
	14649	08/23/2001	RR	Experimental Operation Blast Furnace No. 6	0
	14658	10/02/2001	MSM	Coke Plant Boiler House Lime Storage Baghouse	0
	14424	08/02/2001	MSM	EGL Boiler Modifications	0.072
	12880	07/26/2001	SSM	Nos. 1, 2 and 3 Sinter Strands Modifications and Injections Jets on the Coke Oven Battery	0.75
	11500	08/03/2001	E	Grand Calumet River Sediment Remediation	0
USS - American Excavating (127-05250) ^a	18512	03/12/2004	MSM	Portable Stone and Metal Slag Processing Plant	0
USS - Brandenburg Industrial Service Co. (089-00176)	16450	12/31/2003	SSM	Paint Booth	0.12
	19781	03/01/2005	SPM	Modification of VOC Emission Limit	2.051
USS - Heritage Slag Products, LLC (089-05210)	14947	04/18/2002	AA	Name Change	0
	14723	08/21/2001	AA	Name Change	0
	14305	06/22/2001	AA	Amendment of SSM 11824	0
	13821	04/23/2001	SSM	Slag Crushing and Screening	0
USS - Edward C. Levy Co., Inc. (089-00133)	14295	06/14/2001	MSM	Parts Washer	0.36
USS - International Mill Service, Inc. (089-00132)	16366	09/20/2004	RR	CAA 112 (j) Applicability Determination	0
USS - Koppers Inc. (089-00180)	12187	04/19/2002	MSM	Coke Oven Battery Tar Handling/Disposition System	6.56
Total					19.7
De Minimis Level					25.0

^a USS- American Excavating Company, (with current plant I.D. 127-05250) was earlier located at the US Steel – Gary Works site, 1 North Broadway, Gary, Indiana. On May 19, 2005 , it relocated to ISG Burns Harbor, Burns Harbor, Indiana, in Porter County.

The VOC emissions increases over the previous five (5) calendar years plus the emission increase from the current modification result in emission increases less than the de minimis level, therefore this modification is considered a minor modification and not subject to the requirements of 326 IAC 2-3 (Emission Offset).

Lake County is designated as moderate nonattainment for the 8-hour ozone standard and nonattainment for the PM2.5 standard. The total potential to emit of NOx (a precursor for ozone for the 8 hour ozone standard) and PM2.5 are less than 100 tons per year. Pursuant to 326 IAC 1-1-3, Lake County is considered nonattainment for SO2 under state rule 326 IAC 1-4-1. However, the total potential to emit of SO2 from the tanks is negligible. Therefore, 326 IAC 2-3 does not apply.

326 IAC 2-2 (Prevention of Significant Deterioration)

This facility, located in Lake County, has negligible emissions of PM-10, Pb, and CO. Therefore, 326 IAC 2-2 does not apply.

326 IAC 2-4.1 (Major Sources of Hazardous Air Pollutants (HAP))

Each of the mixing and storage tanks identified as T001, T002, and T003 will emit less than 10 tons per year of a single HAP or 25 tons per year of a combination of HAPs. Therefore, 326 IAC 2-4.1 does not apply.

326 IAC 7-4.1 (Lake County Sulfur Dioxide Emission Limitations)

The potential to emit of sulfur dioxide from the tanks T001, T002, and T003 are negligible. Therefore, 326 IAC 7-4.1 does not apply.

326 IAC 8-9 (Volatile Organic Liquid Storage Vessels)

This rule is applicable to stationary vessels storing organic liquid located in Lake County, constructed after October 1, 1995. Pursuant to 326 IAC 8-9-1, storage vessels with capacities below 39,000 gallons are only subject to reporting and recordkeeping provisions under 326 IAC 8-9-6(a) and (b). Pursuant to 326 IAC 8-9-6(a) and (b), tanks T001, T002, and T003 are subject to the following requirements:

The Permittee shall maintain the following records for the life of the tanks identified as T001, T002, and T003, and submit to the department a report containing the following information for each tank:

- (1) The vessel identification number.
- (2) The vessel dimensions.
- (3) The vessel capacity.

326 IAC 5-1 (Opacity Limitations)

USS - AKJ Industries, Inc. is located in Lake County, in an area subject to 326 IAC 5-1-2(2).

Pursuant to 326 IAC 5-1-2 (Opacity Limitations), except as provided in 326 IAC 5-1-3 (Temporary Alternative Opacity Limitations), opacity shall meet the following, unless otherwise stated in the permit:

- (a) Opacity shall not exceed an average of twenty percent (20%) in any one (1) six (6) minute averaging period as determined in 326 IAC 5-1-4.
- (b) Opacity shall not exceed sixty percent (60%) for more than a cumulative total of fifteen (15) minutes (sixty (60) readings) as measured according to 40 CFR 60, Appendix A, Method 9 or fifteen (15) one (1) minute nonoverlapping integrated averages for a continuous opacity monitor) in a six (6) hour period.

Conclusion

The construction and operation of the tanks T001, T002, T003 at USS - AKJ Industries, Inc. (Plant I.D. 089-00505) shall be subject to the conditions of the Exemption No. 089-22739-00505.