



**MISSOURI**  
DEPARTMENT OF  
NATURAL RESOURCES

**MISSOURI AIR CONSERVATION COMMISSION**

**PERMIT TO CONSTRUCT**

Under the authority of RSMo 643 and the Federal Clean Air Act the applicant is authorized to construct the air contaminant source(s) described below, in accordance with the laws, rules and conditions as set forth herein.

Permit Number: 052020-002      Project Number: 2020-01-018  
Installation Number: 159-0079

Parent Company: Custom Truck One Source

Parent Company Address: 7701 E. Independence Ave., Kansas City, MO 64125

Installation Name: Load King

Installation Address: 5105 Pelham Dr, Sedalia, MO 65301

Location Information: Pettis County, S1, T45N, R22W

Application for Authority to Construct was made for:  
New paint booth, new curing oven, changing coatings, and increasing production. This review was conducted in accordance with Section (5), Missouri State Rule 10 CSR 10-6.060, *Construction Permits Required*.

- 
- Standard Conditions (on reverse) are applicable to this permit.
- Standard Conditions (on reverse) and Special Conditions are applicable to this permit.

Director or Designee  
Department of Natural Resources

May 12, 2020  
Effective Date

STANDARD CONDITIONS:

Permission to construct may be revoked if you fail to begin construction or modification within two years from the effective date of this permit. Permittee should notify the Enforcement and Compliance Section of the Air Pollution Control Program if construction or modification is not started within two years after the effective date of this permit, or if construction or modification is suspended for one year or more.

You will be in violation of 10 CSR 10-6.060 if you fail to adhere to the specifications and conditions listed in your application, this permit and the project review. In the event that there is a discrepancy between the permit application and this permit, the conditions of this permit shall take precedence. Specifically, all air contaminant control devices shall be operated and maintained as specified in the application, associated plans and specifications.

You must notify the Enforcement and Compliance Section of the Department's Air Pollution Control Program of the anticipated date of start up of this (these) air contaminant source(s). The information must be made available within 30 days of actual startup. Also, you must notify the Department's regional office responsible for the area within which you are located within 15 days after the actual start up of this (these) air contaminant source(s).

A copy of the permit application and this permit and permit review shall be kept at the installation address and shall be made available to Department's personnel upon request.

You may appeal this permit or any of the listed special conditions to the Administrative Hearing Commission (AHC), P.O. Box 1557, Jefferson City, MO 65102, as provided in RSMo 643.075.6 and 621.250.3. If you choose to appeal, you must file a petition with the AHC within 30 days after the date this decision was mailed or the date it was delivered, whichever date was earlier. If any such petition is sent by registered mail or certified mail, it will be deemed filed on the date it is mailed. If it is sent by any method other than registered mail or certified mail, it will be deemed filed on the date it is received by the AHC.

If you choose not to appeal, this certificate, the project review and your application and associated correspondence constitutes your permit to construct. The permit allows you to construct and operate your air contaminant source(s), but in no way relieves you of your obligation to comply with all applicable provisions of the Missouri Air Conservation Law, regulations of the Missouri Department of Natural Resources and other applicable federal, state and local laws and ordinances.

The Air Pollution Control Program invites your questions regarding this air pollution permit. Please contact the Construction Permit Unit using the contact information below.

Contact Information:  
Missouri Department of Natural Resources  
Air Pollution Control Program  
P.O. Box 176  
Jefferson City, MO 65102-0176  
(573) 751-4817

The regional office information can be found at the following website:  
<http://dnr.mo.gov/regions/>

**SPECIAL CONDITIONS:**

The permittee is authorized to construct and operate subject to the following special conditions:

*The special conditions listed in this permit were included based on the authority granted to the Missouri Air Pollution Control Program by the Missouri Air Conservation Law (specifically 643.075) and by the Missouri Rules listed in Title 10, Division 10 of the Code of State Regulations (specifically 10 CSR 10-6.060). For specific details regarding conditions, see 10 CSR 10-6.060 paragraph (3)(E). "Conditions required by permitting authority."*

Load King  
Pettis County, S1, T45N, R22W

1. **Superseding Conditions**  
The conditions of this permit supersede all the special conditions found in the previously issued construction permit 102019-006 issued by the Air Pollution Control Program.
2. **Installation Wide VOC and HAPs Emission Limitations**
  - A. Load King shall emit less than 40.0 tons of VOCs in any consecutive 12-month period from the entire installation as defined in Table 1. Load King shall include all actual emissions, including all SSM emissions, in the monthly compliance demonstration calculations for these emission units.
  - B. Load King shall not exceed the respective SMAL for each individual HAP emissions in any consecutive 12-month period from the entire installation as defined in Table 1. The SSM emissions as reported to the Air Pollution Control Program's Compliance/Enforcement Section in accordance with the requirements of 10 CSR 10-6.050 *Start-Up, Shutdown, and Malfunction Conditions* shall be included in the limit.
  - C. Load King shall emit less than 25.0 tons per year of combined HAPs in any consecutive 12-month period from the entire installation as defined in Table 1. Load King shall include all actual emissions, including all SSM emissions, in the monthly compliance demonstration calculations for these emission units.

Table 1: Installation VOC and HAP Emission Points

Emission Point	Equipment List
EP-01	4 Welding Stations with 30 welding machines
EP-03	Paint Booth
EP-04	Curing Oven (Natural Gas)
EP-05	Space Heaters (8 at 80,000 Btu/hr each)
EP-07	Paint Booth
EP-08	Curing Oven (Natural Gas)

**SPECIAL CONDITIONS:**

The permittee is authorized to construct and operate subject to the following special conditions:

- D. Load King shall develop and use forms to demonstrate compliance with Special Condition 2.A, 2.B., and 2.C. The forms shall contain at a minimum the following information,
- 1) Installation name
  - 2) Installation ID
  - 3) Permit number
  - 4) Current month
  - 5) Current 12-month date range
  - 6) Emission unit name and ID
  - 7) Emission unit's respective current monthly throughput
  - 8) The density, max VOC weight percentage, max HAP weight percentage, and max individual HAP weight percentage from SDS.
  - 9) Emission factors for each applicable emission unit:
    - a) For the paint booths (EP-03 and EP-07) VOC/HAP content shall be determined from the coating SDS. If a range is given, the highest value shall be used.
      - (a) VOC/volatile HAP emissions shall be calculated using mass balances, assuming that 100% of VOCs/HAPs in the coatings are emitted.  
$$\text{VOC or volatile HAP (tpy)} = \frac{\text{Gallons of coating} \times \text{Density (lb/gal)} \times (\text{VOC content or Wt\% of HAP})}{100 \times (1 \text{ ton}/2000 \text{ lbs})}$$
      - (b) Particulate HAP emission shall be calculated using mass balances, assuming a transfer efficiency of 75% for each booth and an overall capture/control efficiency of 90.3% for EP-03 and EP-07.  
$$\text{Individual particulate HAP (tpy)} = \frac{\text{Gallons of coating} \times \text{Density (lb/gal)} \times (\text{Wt\% of HAP} / 100) \times (1 \text{ ton} / 2000 \text{ lbs}) \times (100 - \text{Transfer Efficiency})}{100 \times (100 - \text{Overall Control Efficiency}) / 100.}$$

(For metal HAPs and comparison to the SMAL limit only, the individual particulate HAP can be multiplied by the molecular weight of the metal portion divided by the molecular weight of the total compound.)
    - b) For the curing oven and space heaters (EP-04, EP-05 and EP-08), the VOC/HAP emission factors shall be taken from AP-42 Section 1 .4 *Natural Gas Combustion* (September 1998).
    - c) For welding stations (EP-01), the HAP emission factors shall be taken from AP-42 Section 12.19 *Electric Arc Welding* (January 1995)
  - 10) Total monthly VOC emissions for the current month
  - 11) 12-month rolling total VOC emissions – Current month plus the previous 11 months' total

**SPECIAL CONDITIONS:**

The permittee is authorized to construct and operate subject to the following special conditions:

- 12) Total monthly HAP emissions for each individual HAP for the current month
  - 13) 12-month rolling total individual HAP emissions – Current month plus the previous 11 months' totals
  - 14) Individual HAP SMAL obtained from Appendix B or Air Pollution Control Program Table of Hazardous Air Pollutants, Screening Model Action Levels, and Risk Assessment Levels available at <http://dnr.mo.gov/env/apcp/docs/cp-hapsmaltbl6.pdf>
  - 15) Total month's combined HAP emissions for the current month
  - 16) 12-month rolling total combined HAP emissions – Current month plus the previous 11 months' totals
  - 17) Indication of compliance status with Special Condition 2.A., 2.B., and 2.C
3. Control Device Requirement- Room With Dust Collector
- A. Load King shall control emissions from the abrasive blasting room (EP-02) using a dust collector as specified in the permit application.
  - B. The dust collector shall be operated and maintained in accordance with the manufacturer's specifications. The dust collector shall be equipped with a gauge or meter, which indicates the pressure drop across the control device. These gauges or meters shall be located such that the Department of Natural Resources' employees may easily observe them.
  - C. Replacement cartridges for the dust collector shall be kept on hand at all times. The cartridges shall be made of materials appropriate for operating conditions expected to occur (i.e. temperature limits, acidic and alkali resistance, and abrasion resistance).
  - D. Load King shall monitor and record the operating pressure drop across the dust collector at least once every 24 hours when in operation. The operating pressure drop shall be maintained within the design conditions specified by the filter manufacturer's performance warranty.
  - E. Load King shall maintain a copy of the dust collector manufacturer's performance warranty on site.
  - F. Load King shall maintain an operating and maintenance log for the dust collector which shall include the following:
    - 1) Incidents of malfunction, with impact on emissions, duration of event, probable cause, and corrective actions; and
    - 2) Maintenance activities, with inspection schedule, repair actions, and replacements, etc.

**SPECIAL CONDITIONS:**

The permittee is authorized to construct and operate subject to the following special conditions:

4. Capture Device Requirement – Abrasive Blasting Enclosure (EP-02)
  - A. Load King shall use an abrasive blasting enclosure to capture emissions from the abrasive blasting activities. Emissions from the blasting enclosure shall be routed through the dust collector as stated in Special Condition 1.
  - B. Load King shall design and construct the abrasive blasting enclosure according to the Occupational Safety and Health Administration (OSHA) requirements, 29 CFR 1910.94(a)(3) *Blast-cleaning Enclosures*.
5. Operational Requirement - Solvents  
Load King shall keep the solvents and cleaning solutions in sealed containers whenever the materials are not in use. Load King shall provide and maintain suitable, easily read, permanent markings on all solvent and cleaning solution containers used with this equipment.
6. Control Device Requirement- Particulate Filter (95% Control Efficiency)
  - A. Load King shall control particulate matter emissions from the paint booths (EP-03 and EP-07) using particulate filters as specified in the permit application. The filter(s) shall be operated and maintained in accordance with the manufacturer's specifications.
  - B. Replacement particulate filters for the paint booths shall be kept on hand at all times. The particulate filters shall be made of fibers appropriate for operating conditions expected to occur (i.e. temperature limits, acidic and alkali resistance, and abrasion resistance). The replacement filter material type and weight shall meet or exceed the specifications of the existing filter. The air to cloth ratio or air to filter ratio shall not be increased when filter replacement is performed.
  - C. Load King shall maintain a copy of the filters manufacturer's performance warranty on site.
  - D. Load King shall monitor and record the operating pressure drop across the paint booth filter at least once every 24 hours. The operating pressure drop shall be maintained within the design conditions specified by the manufacturer's performance warranty.
  - E. Load King shall maintain an operating and maintenance log for the paint booth filter which shall include the following:
    - 1) Incidents of malfunction, with impact on emissions, duration of event, probable cause, and corrective actions; and
    - 2) Maintenance activities, with inspection schedule, repair actions, and replacements, etc.

**SPECIAL CONDITIONS:**

The permittee is authorized to construct and operate subject to the following special conditions:

7. Capture Device Requirement – Paint Booths
  - A. Load King shall use paint booths to capture emissions from the spray coating activities (EP-03 and EP-07).
  - B. Load King shall design and construct each paint booth according to the Occupational Safety and Health Administration (OSHA) requirements, 29 CFR 1910.94(c)(6) *Velocity and air flow requirements*.
  - C. Load King shall demonstrate that each paint booth was constructed according to Special Condition 7.B. by keeping a record of the following design parameters:
    - 1) the minimum recommended face velocity
    - 2) engineering drawings which demonstrate that the spray booth was designed to meet the minimum face velocity
  - D. Load King shall verify the proper operation of each paint booth by checking the face velocity of the booth every 24 hours of operation.
8. Use of Alternative Coating  
Load King may use alternative materials others than those in the application for the equipment listed in Table 1; however, all materials used at the installation collectively shall show compliance with Special Condition 2.
9. Record Keeping and Reporting Requirements
  - A. Load King shall maintain all records required by this permit for not less than five years and shall make them available immediately to any Missouri Department of Natural Resources' personnel upon request. These records shall include SDS for all materials used.
  - B. Load King shall report to the Air Pollution Control Program's Compliance/Enforcement Section, by mail at P.O. Box 176, Jefferson City, MO 65102 or by e-mail at [AirComplianceReporting@dnr.mo.gov](mailto:AirComplianceReporting@dnr.mo.gov), no later than 10 days after the end of the month during which any record required

REVIEW OF APPLICATION FOR AUTHORITY TO CONSTRUCT AND OPERATE  
SECTION (5) REVIEW

Project Number: 2020-01-018

Installation ID Number: 159-0079

Permit Number: 052020-002

Installation Address:

Load King  
5105 Pelham Dr  
Sedalia, MO 65301

Parent Company:

Custom Truck One Source  
7701 E. Independence Ave.  
Kansas City, MO 64125

Pettis County, S1, T45N, R22W

REVIEW SUMMARY

- Load King has applied for authority to manufacture dump truck beds and other steel products.
- The application was deemed complete on February 10, 2020.
- HAP emissions are expected from the proposed equipment. HAPs of concern from this process are from the combustion of natural gas and coatings containing toluene, xylene, methyl isobutyl ketone, methyl methacrylate and ethylbenzene.
- 40 CFR Part 63, Subpart HHHHHH, *National Emission Standards for Hazardous Air Pollutants: Paint Stripping and Miscellaneous Surface Coating Operations at Area Sources* does not apply to the proposed equipment because although it will be painting metal automotive parts, the proposed coatings this installation will use does not contain target HAPs (chromium, lead, manganese, nickel, or cadmium) as listed in this regulation.
- 40 CFR 63 Subpart XXXXXX does not apply as the metal fabrication at the facility does not meet the description of any of the 9 source categories given in Table 1 of 40 63.11522.
- None of the New Source Performance Standards (NSPS) apply to the installation.
- Paint booths equipped with particulate filters (with 95% control) are being used to control the PM, PM<sub>10</sub>, and PM<sub>2.5</sub> emissions from the spraying. Blast enclosures with fabric filters are being used to control the particulate matter emissions from the abrasive blasting.
- This review was conducted in accordance with Section (5) of Missouri State Rule 10 CSR 10-6.060, *Construction Permits Required*. Potential emissions of all pollutants are conditioned below de minimis levels.

- This installation is located in Pettis County, an attainment/unclassifiable area for all criteria pollutants.
- This installation is not on the List of Named Installations found in 10 CSR 10-6.020(3)(B), Table 2. The installation's major source level is 250 tons per year and fugitive emissions are not counted toward major source applicability.
- Ambient air quality modeling was not performed since potential emissions of the application are below de minimis levels.
- Emissions testing is not required for the equipment as a part of this permit. Testing may be required as part of other state, federal or applicable rules.
- No Operating Permit is required for this installation.
- Approval of this permit is recommended with special conditions.

#### INSTALLATION DESCRIPTION

Load King is located in Sedalia, MO and manufactures dump truck beds and other steel products. Processes at the facility include grinding, gas metal arc welding, abrasive blasting, and surface coating. Load King is a minor source for construction permits and does not require an operating permit.

The following NSR permits have been issued to Load King from the Air Pollution Control Program.

Table 2: NSR Permit History

Permit Number	Description
102019-006	Manufacturing dump truck beds and other steel products

#### PROJECT DESCRIPTION

Load King has applied to construct an additional spray booth (EP-07) and curing oven (EP-08). The potential emissions of permit 102019-006, which was for the entire installation at the time, are being included with this application because of project aggregation. The two projects are less than two years apart. Emission points EP-01 through EP-06 are described in permit 102019-006 and listed below in the table. The addition of the new booth will increase the MHDR for the existing abrasive blast booth (EP-02) and the haul road (EP-06) as a result of the increased production. The new booth (EP-07) will be equipped with a fabric filter. The new paint booth (EP-07) will be approximately 45' by 21' with a cure room that is identical in size. The new paint booth will be placed next to the old paint booth (EP-03), with a 10' x 15' vestibule in between

that will serve as a paint mixing room. Table 3 below lists the emission points for the installation.

Table 3: Installation Emission Units

Emission Point	Emissions Point Description	Potential Pollutants	Control Device	Permit Status <sup>1</sup>
EP-01	Welding	PM/PM <sub>10</sub> /PM <sub>2.5</sub> , Metal HAPs	N/A	New
EP-02	Abrasive Blasting	PM/PM <sub>10</sub> /PM <sub>2.5</sub>	Blast Booth and Fabric Filter	New
EP-03	Paint Booth	PM/PM <sub>10</sub> /PM <sub>2.5</sub> /VOC/HAPs	Spray Booth and Fabric Filter	New
EP-04	Curing Oven (5.3 MMBtu/hr)	PM/PM <sub>10</sub> /PM <sub>2.5</sub> /SO <sub>x</sub> /NO <sub>x</sub> /CO/VOC/HAPs	N/A	New
EP-05	Space Heaters (8 at 80,000 Btu/hr each)		N/A	New
EP-06	Haul Roads	PM/PM <sub>10</sub> /PM <sub>2.5</sub>	Paved Surface	New
EP-07	Paint Booth	PM/PM <sub>10</sub> /PM <sub>2.5</sub> /VOC/HAPs	Spray Booth and Fabric Filter	New
EP-08	Curing Oven	PM/PM <sub>10</sub> /PM <sub>2.5</sub> /SO <sub>x</sub> /NO <sub>x</sub> /CO/VOC/HAPs	N/A	New

N/C = No Control Device is Associated with the Emission Unit

<sup>1</sup>All installation wide emission points were considered as a part of this project for permitting and potential to emit purposes. EP-01 through EP-06 were originally described and permitted as part of permit 102019-006

Load King will continue to assemble dump truck beds. Parts are brought in pre-cut and no machining is necessary. The parts arrive as kits and are assembled on site. There is minimal grinding associated with the assembly. Grinding is used to clean up welds. All materials enter and leave the facility on a paved driveway approximately 500 feet long.

Load King has a line for manufacturing 10' dump truck beds, a line for manufacturing 16'-18' dump truck beds and a line for truck boom coating. The maximum hourly design of each line is bottlenecked by assembly steps. The following tables describes the assembly steps and time required for each step. With the addition of the new paint booth and curing oven Load King is able to produce more dump truck beds and booms. Additionally, the assembly steps and time required to make 10' dump trucks is less in the new paint booth and as a result more 10' dump truck beds can be made using EP-07 compared to EP-03.

Table 4: Assembly Steps and Time for EP-03

	10' Dump Truck Beds – Two Produced Each Process	16-18' Dump Truck Beds – One Produced Each Process	Truck Booms – 2 Produced Each Cycle
Blasting	1 hour	1.5 hours	N/A
Prep	0.25 hours	0.50 hours	8 hours
Direct to Metal Coating or Prime	0.50 hours	0.50 hours	N/A
Curing	N/A	0.33 hours	N/A
Sanding	N/A	0.50 hours	N/A
Paint	N/A	1 hour	0.75 hours
Final Bake	0.75 hours	0.75 hours	
<b>Total Time to Produce</b>	<b>2.50 hours per two units</b>	<b>5.08 hours per one unit</b>	<b>8.75 hours per two units</b>

Table 5: Assembly Steps and Time for EP-07

	10' Dump Truck Beds – Two Produced Each Process	16-18' Dump Truck Beds – One Produced Each Process	Truck Booms – 2 Produced Each Cycle
Blasting	0.50 hour	1.5 hours	N/A
Prep	0.25 hours	0.50 hours	8 hours
Direct to Metal Coating or Prime	0.50 hours	0.50 hours	N/A
Curing	N/A	0.33 hours	N/A
Sanding	N/A	0.50 hours	N/A
Paint	N/A	1 hour	0.75 hours
Final Bake	0.25 hours	0.75 hours	
<b>Total Time to Produce</b>	<b>1.50 hours per two units</b>	<b>5.08 hours per one unit</b>	<b>8.75 hours per two units</b>

Maximum hourly design rates for the paint booth (EP-03) were determined by calculating the amount of coating/material needed for each item produced. The 10' dump truck beds require 1 gallon of direct to metal coating (EU-03a). Load King can produce two 10' dump truck beds per 2.50 hours or approximately twenty 10' dump truck beds per day using EP-03. Using a maximum of 1 gallon of direct to metal coating per 10' dump truck bed equals 20 gallons a day or 0.833 gallons per hour.

Maximum hourly design rates for the paint booth (EP-07) were determined by calculating the amount of coating/material needed for each item produced. The 10' dump truck beds require 1 gallon of direct to metal coating (EU-07a). Load King can produce two 10' dump truck beds per 1.50 hours or approximately thirty two 10' dump

truck beds per day using EP-07. Using a maximum of 1 gallon of direct to metal coating per 10' dump truck bed equals 32 gallons a day or 1.33 gallons per hour.

The assembly steps and time for 16-18' dump truck beds and booms is the same in for both EP-03 and EP-07. The 16'-18' dump truck beds require a combined 3.5 gallons (EU-03b and EU-07b) of material (1.5 gallon of mixed primer, 1 gallon of mixed topcoat (EU-03c an), and 1 gallon of mixed direct to metal paint. Load King can produce one 16'-18 dump truck bed per 5.08 hours in each booth or approximately ten 16'-18' dump truck beds per day from the two booths combined.

The truck booms require 3.5 gallons of coating each. Load King can process two truck booms per 8.75 hours or approximately 6 booms per day. Using a maximum of 3.5 gallon of coating per truck boom equals 21 gallons a day or 0.87 gallons per hour (EU-03c and EU-07c).

Load King is requesting to use the following material/coatings in the paint booths (EP-03 and EP-07) Load King provided material safety data sheets for each of the following.

Table 6: Coating Requested for use in Paint Booth EP-03 and EP-07

Material ID
AUE370 2.3/2.8 VOC DTM Polyurethane
ESSS 9000 FACTORY Packblack
W43181HV Spectracron SPU Gray Primer
GXH1086 Urethane Hardener
EHS200 Single Stage Hardener
Q50 Aromatic 100 Solvent
UA-11 Urethane Accelerator

There are HAPs contained within coatings in low concentrations, the ones identified were toluene, xylene, naphthalene, methylene diphenyl and ethylbenzene. All HAPs are limited to the SMAL by Special Condition 2.

## EMISSIONS/CONTROLS EVALUATION

The gas metal arc welding operation emissions (EP-01) were based on the MHDR of 2.05 lbs per hour at 8760 hours/yr and the emission factors were taken from EPA document AP-42, *Compilation of Air Pollutant Emission Factors*, Fifth Edition Chapter 12.19 *Electric Arc Welding* (January 1995). The MHDR is based on historic usage and scaled to 24 hours a day and multiplied by a safety factor of 1.5. Emissions from metal grinding associated with welding were not calculated and are expected to be minimal.

Potential emissions from the abrasive blasting processes (EP-02) were estimated using the emission factors and control efficiencies obtained from AP-42 Section 13.2.6

Abrasive Blasting, (October, 1997). An MHDR of 178.84 lbs per hour was used. The controlled PM emission factor was used to account for the use of a fabric filter. The particle size distribution of the particulate emissions was determined using the CEIDARS Appendix A: Table A – Abrasive Blasting.

The emissions from the paint booths (EP-03 and EP-07) were calculated using the maximum paint usage and SDS supplied by Load King. All available VOCs were considered to be emitted. All HAPs in this review are volatile HAPs and are also considered to be emitted. There are no particulate HAPS. All particulate matter emissions were assumed to be less than 2.5 micrometers in diameter. Coating was assigned 75 percent solids transfer efficiency per “Chapter 5 Surface Coating” of the APTI Course 482 manual, 3<sup>rd</sup> Edition. Overspray solids are controlled by fabric filters. Solids are captured by the booth at 95 percent efficiency and controlled by the fabric filter at 95 percent efficiency. All solids were considered PM, PM<sub>10</sub>, and PM<sub>2.5</sub>

Natural gas combustion emissions (EP-04, EP-05 and EP-08) were calculated using AP-42 Section 1.4 *Natural Gas Combustion*, (July 1998).

Emissions from haul roads (EP-06) were calculated using the predictive equation from AP-42 Section 13.2.1 *Paved Roads*, (January 2011).

The following table provides an emissions summary for this project. There are no existing potential or actual emissions available since this is a newly permitted facility. Potential emissions of the application represent the potential of the new equipment, assuming continuous operation (8760 hours per year).

Table 7: Emissions Summary (tpy)

Pollutant	Regulatory <i>De Minimis</i> Levels	Uncontrolled Potential Emissions of the Project	New Installation Controlled Potential Emissions	New Installation Conditioned Potential Emissions
PM	25.0	90.08	4.51	4.51
PM <sub>10</sub>	15.0	82.03	4.23	4.23
PM <sub>2.5</sub>	10.0	78.51	4.19	4.19
SO <sub>x</sub>	40.0	0.02	0.02	0.02
NO <sub>x</sub>	40.0	3.32	3.32	3.32
VOC	40.0	49.67	49.67	<40.0
CO	100.0	2.78	2.78	2.78
Combined HAPs	25.0	1.79	1.79	<25.0
Individual HAPs	SMAL	N/D	N/D	<SMAL

N/D = not determined

## PERMIT RULE APPLICABILITY

This review was conducted in accordance with Section (5) of Missouri State Rule 10 CSR 10-6.060, *Construction Permits Required*. Potential emissions of all pollutants are conditioned below de minimis levels.

## APPLICABLE REQUIREMENTS

Load King shall comply with the following applicable requirements. The Missouri Air Conservation Laws and Regulations should be consulted for specific record keeping, monitoring, and reporting requirements. Compliance with these emission standards, based on information submitted in the application, has been verified at the time this application was approved.

### GENERAL REQUIREMENTS

- *Start-Up, Shutdown, and Malfunction Conditions*, 10 CSR 10-6.050
- *Submission of Emission Data, Emission Fees and Process Information*, 10 CSR 10-6.110
  - Per 10 CSR 10-6.110(4)(B)2.B(II) and (4)(B)2.C(II) a full EIQ is required for the first full calendar year the equipment (or modifications) approved by this permit are in operation.
- *Restriction of Particulate Matter to the Ambient Air Beyond the Premises of Origin*, 10 CSR 10-6.170
- *Restriction of Emission of Visible Air Contaminants*, 10 CSR 10-6.220
- *Restriction of Emission of Odors*, 10 CSR 10-6.165

### SPECIFIC REQUIREMENTS

- *Restriction of Emission of Particulate Matter From Industrial Processes*, 10 CSR 10-6.400

## STAFF RECOMMENDATION

On the basis of this review conducted in accordance with Section (5), Missouri State Rule 10 CSR 10-6.060, *Construction Permits Required*, it is recommended that this permit be granted with special conditions.

## PERMIT DOCUMENTS

The following documents are incorporated by reference into this permit:

- The Application for Authority to Construct form, dated January 20, 2020, received, January 30, 2020, designating Custom Truck One Source as the owner and operator of the installation.

## APPENDIX A

### Abbreviations and Acronyms

<b>%</b> ..... percent	<b>Mgal</b> ..... 1,000 gallons
<b>°F</b> ..... degrees Fahrenheit	<b>MW</b> ..... megawatt
<b>acfm</b> ..... actual cubic feet per minute	<b>MHDR</b> ..... maximum hourly design rate
<b>BACT</b> ..... Best Available Control Technology	<b>MMBtu</b> .... Million British thermal units
<b>BMPs</b> ..... Best Management Practices	<b>MMCF</b> ..... million cubic feet
<b>Btu</b> ..... British thermal unit	<b>MSDS</b> ..... Material Safety Data Sheet
<b>CAM</b> ..... Compliance Assurance Monitoring	<b>NAAQS</b> .... National Ambient Air Quality Standards
<b>CAS</b> ..... Chemical Abstracts Service	<b>NESHAPs</b> National Emissions Standards for Hazardous Air Pollutants
<b>CEMS</b> ..... Continuous Emission Monitor System	<b>NO<sub>x</sub></b> .....nitrogen oxides
<b>CFR</b> ..... Code of Federal Regulations	<b>NSPS</b> ..... New Source Performance Standards
<b>CO</b> ..... carbon monoxide	<b>NSR</b> ..... New Source Review
<b>CO<sub>2</sub></b> ..... carbon dioxide	<b>PM</b> .....particulate matter
<b>CO<sub>2e</sub></b> ..... carbon dioxide equivalent	<b>PM<sub>2.5</sub></b> .....particulate matter less than 2.5 microns in aerodynamic diameter
<b>COMS</b> ..... Continuous Opacity Monitoring System	<b>PM<sub>10</sub></b> .....particulate matter less than 10 microns in aerodynamic diameter
<b>CSR</b> ..... Code of State Regulations	<b>ppm</b> .....parts per million
<b>dscf</b> ..... dry standard cubic feet	<b>PSD</b> ..... Prevention of Significant Deterioration
<b>EQ</b> ..... Emission Inventory Questionnaire	<b>PTE</b> .....potential to emit
<b>EP</b> ..... Emission Point	<b>RACT</b> ..... Reasonable Available Control Technology
<b>EPA</b> ..... Environmental Protection Agency	<b>RAL</b> ..... Risk Assessment Level
<b>EU</b> ..... Emission Unit	<b>SCC</b> ..... Source Classification Code
<b>fps</b> ..... feet per second	<b>scfm</b> ..... standard cubic feet per minute
<b>ft</b> ..... feet	<b>SDS</b> ..... Safety Data Sheet
<b>GACT</b> ..... Generally Available Control Technology	<b>SIC</b> ..... Standard Industrial Classification
<b>GHG</b> ..... Greenhouse Gas	<b>SIP</b> ..... State Implementation Plan
<b>gpm</b> ..... gallons per minute	<b>SMAL</b> ..... Screening Model Action Levels
<b>gr</b> ..... grains	<b>SO<sub>x</sub></b> ..... sulfur oxides
<b>GWP</b> ..... Global Warming Potential	<b>SO<sub>2</sub></b> ..... sulfur dioxide
<b>HAP</b> ..... Hazardous Air Pollutant	<b>SSM</b> ..... Startup, Shutdown & Malfunction
<b>hr</b> ..... hour	<b>tph</b> ..... tons per hour
<b>hp</b> ..... horsepower	<b>tpy</b> ..... tons per year
<b>lb</b> ..... pound	<b>VMT</b> ..... vehicle miles traveled
<b>lbs/hr</b> ..... pounds per hour	<b>VOC</b> ..... Volatile Organic Compound
<b>MACT</b> ..... Maximum Achievable Control Technology	
<b>µg/m<sup>3</sup></b> ..... micrograms per cubic meter	
<b>m/s</b> ..... meters per second	

## Air Pollution Control Program

### Table of Hazardous Air Pollutants and Screening Model Action Levels

Chemical	CAS #	SMAL tons/yr	Group ID	VOC	PM	Chemical	CAS #	SMAL tons/yr	Group ID	VOC	PM
ACETALDEHYDE	75-07-0	9		Y	N	CHLOROMETHYL METHYL ETHER	107-30-2	0.1		Y	N
ACETAMIDE	60-35-5	1		Y	N	CHLOROPRENE	126-99-8	1		Y	N
ACETONITRILE	75-05-8	4		Y	N	CHROMIUM (VI) COMPOUNDS		0.002	L	N	Y
ACETOPHENONE	98-86-2	1		Y	N	CHROMIUM COMPOUNDS		5	L	N	Y
ACETYLAMINOFLUORINE, [2-]	53-96-3	0.005	V	Y	Y	CHRYSENE	218-01-9	0.01	V	Y	N
ACROLEIN	107-02-8	0.04		Y	N	COBALT COMPOUNDS		0.1	M	N	Y
ACRYLAMIDE	79-06-1	0.02		Y	N	COKE OVEN EMISSIONS	8007-45-2	0.03	N	Y	N
ACRYLIC ACID	79-10-7	0.6		Y	N	CRESOL, [META-]	108-39-4	1	B	Y	N
ACRYLONITRILE	107-13-1	0.3		Y	N	CRESOL, [ORTHO-]	95-48-7	1	B	Y	N
ALLYL CHLORIDE	107-05-1	1		Y	N	CRESOL, [PARA-]	106-44-5	1	B	Y	N
AMINOBIHENYL, [4-]	92-67-1	1	V	Y	N	CRESOLS (MIXED ISOMERS)	1319-77-3	1	B	Y	N
ANILINE	62-53-3	1		Y	N	CUMENE	98-82-8	10		Y	N
ANISIDINE, [ORTHO-]	90-04-0	1		Y	N	CYANIDE COMPOUNDS		0.1	O	Y	N
ANTHRACENE	120-12-7	0.01	V	Y	N	DDE	72-55-9	0.01	V	Y	Y
ANTIMONY COMPOUNDS		5	H	N	Y	DI(2-ETHYLHEXYL) PHTHALATE, (DEHP)	117-81-7	5		Y	N
ANTIMONY PENTAFLUORIDE	7783-70-2	0.1	H	N	Y	DIAMINOTOLUENE, [2,4-]	95-80-7	0.02		Y	N
ANTIMONY POTASSIUM TARTRATE	28300-74-5	1	H	N	Y	DIAZOMETHANE	334-88-3	1		Y	N
ANTIMONY TRIOXIDE	1309-64-4	1	H	N	Y	DIBENZ(A,H)ANTHRACENE	53-70-3	0.01	V	Y	N
ANTIMONY TRISULFIDE	1345-04-6	0.1	H	N	Y	DIOXINS/FURANS		6E-07	D,V	Y	N
ARSENIC COMPOUNDS		0.005	I	N	Y	DIBENZOFURAN	132-64-9	5	V	Y	N
ASBESTOS	1332-21-4	0	A	N	Y	DIBROMO-3-CHLOROPROPANE, [1,2-]	96-12-8	0.01		Y	N
BENZ(A)ANTHRACENE	56-55-3	0.01	V	Y	N	DIBROMOETHANE, [1,2-]	106-93-4	0.1		Y	N
BENZENE	71-43-2	2		Y	N	DIBUTYL PHTHALATE	84-74-2	10		Y	Y
BENZIDINE	92-87-5	0.0003	V	Y	N	DICHLOROETHENE, [1,4-]	106-46-7	3		Y	N
BENZO(A)PYRENE	50-32-8	0.01	V	Y	N	DICHLOROETHENE, [3,3-]	91-94-1	0.2	V	Y	Y
BENZO(B)FLUORANTHENE	205-99-2	0.01	V	Y	N	DICHLOROETHANE, [1,1-]	75-34-3	1		Y	N
BENZO(K)FLUORANTHENE	207-08-9	0.01	V	Y	N	DICHLOROETHANE, [1,2-]	107-06-2	0.8		Y	N
BENZOTRICHLORIDE	98-07-7	0.006		Y	N	DICHLOROETHYLENE, [1,1-]	75-35-4	0.4		Y	N
BENZYL CHLORIDE	100-44-7	0.1		Y	N	DICHLOROMETHANE	75-09-2	10		N	N
BERYLLIUM COMPOUNDS		0.008	J	N	Y	DICHLOROPHENOXY ACETIC ACID, [2,4-]	94-75-7	10	C	Y	Y
BERYLLIUM SALTS		2E-05	J	N	Y	DICHLOROPROPANE, [1,2-]	78-87-5	1		Y	N
BIPHENYL, [1,1-]	92-52-4	10	V	Y	N	DICHLOROPROPENE, [1,3-]	542-75-6	1		Y	N
BIS(CHLOROETHYL)ETHER	111-44-4	0.06		Y	N	DICHLORVOS	62-73-7	0.2		Y	N
BIS(CHLOROMETHYL)ETHER	542-88-1	0.0003		Y	N	DIETHANOLAMINE	111-42-2	5		Y	N
BROMOFORM	75-25-2	10		Y	N	DIETHYL SULFATE	64-67-5	1		Y	N
BROMOMETHANE	74-83-9	10		Y	N	DIETHYLENE GLYCOL MONOBUTYL ETHER	112-34-5	5	P	Y	N
BUTADIENE, [1,3-]	106-99-0	0.07		Y	N	DIMETHOXYBENZIDINE, [3,3-]	119-90-4	0.1	V	Y	Y
BUTOXYETHANOL ACETATE, [2-]	112-07-2	5	P	Y	N	DIMETHYL BENZIDINE, [3,3-]	119-93-7	0.008	V	Y	Y
BUTYLENE OXIDE, [1,2-]	106-88-7	1		Y	N	DIMETHYL CARBAMOYL CHLORIDE	79-44-7	0.02		Y	N
CADMIUM COMPOUNDS		0.01	K	N	Y	DIMETHYL FORMAMIDE	68-12-2	1		Y	N
CALCIUM CYANAMIDE	156-62-7	10		Y	Y	DIMETHYL HYDRAZINE, [1,1-]	57-14-7	0.008		Y	N
CAPROLACTAM (Delisted)	105-60-2					DIMETHYL PHTHALATE	131-11-3	10		Y	N
CAPTAN	133-06-2	10		Y	Y	DIMETHYL SULFATE	77-78-1	0.1		Y	N
CARBARYL	63-25-2	10	V	Y	Y	DIMETHYLAMINOAZOBENZENE, [4-]	60-11-7	1		Y	N
CARBON DISULFIDE	75-15-0	1		Y	N	DIMETHYLANILINE, [N-N-]	121-69-7	1		Y	N
CARBON TETRACHLORIDE	56-23-5	1		Y	N	DINITRO-O-CRESOL, [4,6-] (Note 6)	534-52-1	0.1	E	Y	Y
CARBONYL SULFIDE	463-58-1	5		Y	N	DINITROPHENOL, [2,4-]	51-28-5	1		Y	N
CATECHOL	120-80-9	5		Y	N	DINITROTOLUENE, [2,4-]	121-14-2	0.02		Y	N
CHLORAMBEN	133-90-4	1		Y	Y	DIOXANE, [1,4-]	123-91-1	6		Y	N
CHLORDANE	57-74-9	0.01		Y	Y	DIPHENYLHYDRAZINE, [1,2-]	122-66-7	0.09	V	Y	Y
CHLORINE	7782-50-5	0.1		N	N	DIPHENYLMETHANE DIISOCYANATE, [4,4-]	101-68-8	0.1	V	Y	N
CHLOROACETIC ACID	79-11-8	0.1		Y	N	EPICHLOROHYDRIN	106-89-8	2		Y	N
CHLOROACETOPHENONE, [2-]	532-27-4	0.06		Y	N	ETHOXYETHANOL, [2-]	110-80-5	10	P	Y	N
CHLOROETHYLENE	108-90-7	10		Y	N	ETHOXYETHYL ACETATE, [2-]	111-15-9	5	P	Y	N
CHLOROBENZILATE	510-15-6	0.4	V	Y	Y	ETHYL ACRYLATE	140-88-5	1		Y	N
CHLOROFORM	67-66-3	0.9		Y	N	ETHYL BENZENE	100-41-4	10		Y	N

## Air Pollution Control Program

### Table of Hazardous Air Pollutants and Screening Model Action Levels

Chemical	CAS #	SMAL tons/yr	Group ID	VOC	PM	Chemical	CAS #	SMAL tons/yr	Group ID	VOC	PM
ETHYL CHLORIDE	75-00-3	10		Y	N	NITROBENZENE	98-95-3	1		Y	N
ETHYLENE GLYCOL	107-21-1	10		Y	N	NITROBIPHENYL, [4-]	92-93-3	1	V	Y	N
ETHYLENE GLYCOL MONOBUTYL ETHER (Delisted)	111-76-2					NITROPHENOL, [4-]	100-02-7	5		Y	N
ETHYLENE GLYCOL MONOHEXYL ETHER	112-25-4	5	P	Y	N	NITROPROPANE, [2-]	79-46-9	1		Y	N
ETHYLENE IMINE [AZIRIDINE]	151-56-4	0.003		Y	N	NITROSODIMETHYLAMINE, [N-]	62-75-9	0.001		Y	N
ETHYLENE OXIDE	75-21-8	0.1		Y	N	NITROSOMORPHOLINE, [N-]	59-89-2	1		Y	N
ETHYLENE THIOUREA	96-45-7	0.6		Y	Y	NITROSO-N-METHYLUREA, [N-]	684-93-5	0.0002		Y	N
FORMALDEHYDE	50-00-0	2		Y	N	OCTACHLORONAPHTHALENE	2234-13-1	0.01	V	Y	N
GLYCOL ETHER (ETHYLENE GLYCOL ETHERS)		5	P	Y	N	PARATHION	56-38-2	0.1		Y	Y
GLYCOL ETHER (DIETHYLENE GLYCOL ETHERS)		5	P	Y	N	PCB [POLYCHLORINATED BIPHENYLS]	1336-36-3	0.009	X	Y	Y
HEPTACHLOR	76-44-8	0.02		Y	N	PENTACHLORONITROBENZENE	82-68-8	0.3		Y	N
HEXACHLOROBENZENE	118-74-1	0.01		Y	N	PENTACHLOROPHENOL	87-86-5	0.7		Y	N
HEXACHLOROBUTADIENE	87-68-3	0.9		Y	N	PHENOL	108-95-2	0.1		Y	N
HEXACHLOROCYCLOHEXANE, [ALPHA-]	319-84-6	0.01	F	Y	N	PHENYLENEDIAMINE, [PARA-]	106-50-3	10		Y	N
HEXACHLOROCYCLOHEXANE, [BETA-]	319-85-7	0.01	F	Y	N	PHOSGENE	75-44-5	0.1		Y	N
HEXACHLOROCYCLOHEXANE, [DELTA-]	319-86-8	0.01	F	Y	N	PHOSPHINE	7803-51-2	5		N	N
HEXACHLOROCYCLOHEXANE, [TECHNICAL]	608-73-1	0.01	F	Y	N	PHOSPHOROUS (YELLOW OR WHITE)	7723-14-0	0.1		N	N
HEXACHLOROCYCLOPENTADIENE	77-47-4	0.1		Y	N	PHTHALIC ANHYDRIDE	85-44-9	5		Y	N
HEXACHLOROETHANE	67-72-1	5		Y	N	POLYCYCLIC ORGANIC MATTER		0.01	V	Y	N
HEXAMETHYLENE,-1,6-DIISOCYANATE	822-06-0	0.02		Y	N	PROPANE SULTONE, [1,3-]	1120-71-4	0.03		Y	Y
HEXAMETHYLPHOSPHORAMIDE	680-31-9	0.01		Y	N	PROPIOLACTONE, [BETA-]	57-57-8	0.1		Y	N
HEXANE, [N-]	110-54-3	10		Y	N	PROPIONALDEHYDE	123-38-6	5		Y	N
HYDRAZINE	302-01-2	0.004		N	N	PROPOXUR [BAYGON]	114-26-1	10		Y	Y
HYDROGEN CHLORIDE	7647-01-0	10		N	N	PROPYLENE OXIDE	75-56-9	5		Y	N
HYDROGEN FLUORIDE	7664-39-3	0.1		N	N	PROPYLENEIMINE, [1,2-]	75-55-8	0.003		Y	N
HYDROQUINONE	123-31-9	1		Y	N	QUINOLINE	91-22-5	0.006		Y	N
INDENO(1,2,3CD)PYRENE	193-39-5	0.01	V	Y	N	QUINONE	106-51-4	5		Y	N
ISOPHORONE	78-59-1	10		Y	N	RADIONUCLIDES		Note 1	Y	N	Y
LEAD COMPOUNDS		0.01	Q	N	Y	SELENIUM COMPOUNDS		0.1	W	N	Y
LINDANE [GAMMA-HEXACHLOROCYCLOHEXANE]	58-89-9	0.01	F	Y	N	STYRENE	100-42-5	1		Y	N
MALEIC ANHYDRIDE	108-31-6	1		Y	N	STYRENE OXIDE	96-09-3	1		Y	N
MANGANESE COMPOUNDS		0.8	R	N	Y	TETRACHLORODIBENZO-P-DIOXIN,[2,3,7,8]	1746-01-6	6E-07	D,V	Y	Y
MERCURY COMPOUNDS		0.01	S	N	N	TETRACHLOROETHANE, [1,1,2,2-]	79-34-5	0.3		Y	N
METHANOL	67-56-1	10		Y	N	TETRACHLOROETHYLENE	127-18-4	10		N	N
METHOXYCHLOR	72-43-5	10	V	Y	Y	TITANIUM TETRACHLORIDE	7550-45-0	0.1		N	N
METHOXYETHANOL, [2-]	109-86-4	10	P	Y	N	TOLUENE	108-88-3	10		Y	N
METHYL CHLORIDE	74-87-3	10		Y	N	TOLUENE DIISOCYANATE, [2,4-]	584-84-9	0.1		Y	N
METHYL ETHYL KETONE (Delisted)	78-93-3					TOLUIDINE, [ORTHO-]	95-53-4	4		Y	N
METHYL HYDRAZINE	60-34-4	0.06		Y	N	TOXAPHENE	8001-35-2	0.01		Y	N
METHYL IODIDE	74-88-4	1		Y	N	TRICHLOROBENZENE, [1,2,4-]	120-82-1	10		Y	N
METHYL ISOBUTYL KETONE	108-10-1	10		Y	N	TRICHLOROETHANE, [1,1,1-]	71-55-6	10		N	N
METHYL ISOCYANATE	624-83-9	0.1		Y	N	TRICHLOROETHANE, [1,1,2-]	79-00-5	1		Y	N
METHYL METHACRYLATE	80-62-6	10		Y	N	TRICHLOROETHYLENE	79-01-6	10		Y	N
METHYL TERT-BUTYL ETHER	1634-04-4	10		Y	N	TRICHLOROPHENOL, [2,4,5-]	95-95-4	1		Y	N
METHYLCYCLOPENTADIENYL MANGANESE	12108-13-3	0.1	R	N	Y	TRICHLOROPHENOL, [2,4,6-]	88-06-2	6		Y	N
METHYLENE BIS(2-CHLOROANILINE), [4,4-]	101-14-4	0.2	V	Y	Y	TRIETHYLAMINE	121-44-8	10		Y	N
METHYLENEDIANILINE, [4,4-]	101-77-9	1	V	Y	N	TRIFLURALIN	1582-09-8	9		Y	Y
METHYLNAPHTHALENE, [2-]	91-57-6	0.01	V	Y	N	TRIMETHYLPENTANE, [2,2,4-]	540-84-1	5		Y	N
MINERAL FIBERS		0	T	N	Y	URETHANE [ETHYL CARBAMATE]	51-79-6	0.8		Y	N
NAPHTHALENE	91-20-3	10	V	Y	N	VINYL ACETATE	108-05-4	1		Y	N
NAPHTHYLAMINE, [ALPHA-]	134-32-7	0.01	V	Y	N	VINYL BROMIDE	593-60-2	0.6		Y	N
NAPHTHYLAMINE, [BETA-]	91-59-8	0.01	V	Y	N	VINYL CHLORIDE	75-01-4	0.2		Y	N
NICKEL CARBONYL	13463-39-3	0.1	U	N	Y	XYLENE, [META-]	108-38-3	10	G	Y	N
NICKEL COMPOUNDS		1	U	N	Y	XYLENES (MIXED ISOMERS)	1330-20-7	10	G	Y	N
NICKEL REFINERY DUST		0.08	U	N	Y						
NICKEL SUBSULFIDE	12035-72-2	0.04	U	N	Y						

## Air Pollution Control Program Table of Hazardous Air Pollutants and Screening Model Action Levels

Chemical	CAS #	SMAL tons/yr	Group ID	VOC	PM	Chemical	CAS #	SMAL tons/yr	Group ID	VOC	PM
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Legend	
Group ID	
A	Asbestos
B	Cresols/Cresylic Acid (isomers and mixtures)
C	2,4 - D, Salts and Esters
D	Dibenzofurans, Dibenzodioxins
E	4, 6 Dinitro-o-cresol, and Salts
F	Lindane (all isomers)
G	Xylenes (all isomers and mixtures)
H	Antimony Compounds
I	Arsenic Compounds
J	Beryllium Compounds
K	Cadmium Compounds
L	Chromium Compounds
M	Cobalt Compounds
N	Coke Oven Emissions
O	Cyanide Compounds
P	Glycol Ethers
Q	Lead Compounds (except elemental Lead)
R	Manganese Compounds
S	Mercury Compounds
T	Fine Mineral Fibers
U	Nickel Compounds
V	Polycyclic Organic Matter
W	Selenium Compounds
X	Polychlorinated Biphenyls (Aroclors)
Y	Radionuclides
Notes	The SMAL for radionuclides is defined as the effective dose equivalent to 0.3 millirems per year for 7 years exposure associated with a cancer risk of 1 in 1 million



Missouri Department of dnr.mo.gov

# NATURAL RESOURCES

Michael L. Parson, Governor

Carol S. Comer, Director

May 12, 2020

Dan Nowlin  
VP Operations  
Load King  
7701 E. Independence Ave.  
Kansas City, MO 64125

RE: New Source Review Permit - Project Number: 2020-01-018

Dear Dan Nowlin:

Enclosed with this letter is your permit to construct. Please study it carefully and refer to Appendix A for a list of common abbreviations and acronyms used in the permit. Also, note the special conditions on the accompanying pages. The document entitled, "Review of Application for Authority to Construct," is part of the permit and should be kept with this permit in your files. Operation in accordance with these conditions and your new source review permit is necessary for continued compliance. The reverse side of your permit certificate has important information concerning standard permit conditions and your rights and obligations under the laws and regulations of the State of Missouri.

This permit may include requirements with which you may not be familiar. If you would like the department to meet with you to discuss how to understand and satisfy the requirements contained in this permit, an appointment referred to as a Compliance Assistance Visit (CAV) can be set up with you. To request a CAV, please contact your local regional office or fill out an online request. The regional office contact information can be found at the following website: <http://dnr.mo.gov/regions/>. The online CAV request can be found at <http://dnr.mo.gov/cav/compliance.htm>.

If you were adversely affected by this permit decision, you may be entitled to pursue an appeal before the administrative hearing commission pursuant to Sections 621.250 and 643.075.6 RSMo. To appeal, you must file a petition with the administrative hearing commission within thirty days after the date this decision was mailed or the date it was delivered, whichever date was earlier. If any such petition is sent by registered mail or certified mail, it will be deemed filed on the date it is mailed; if it is sent by any method other than registered mail or certified mail, it will be deemed filed on the date it is received by the administrative hearing commission, whose contact information is: Administrative Hearing Commission, United States Post Office Building, 131 West High Street, Third Floor, P.O. Box 1557, Jefferson City, Missouri 65102, phone: 573-751-2422, fax: 573-751-5018, website: [www.oa.mo.gov/ahc](http://www.oa.mo.gov/ahc).



Dan Nowlin  
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If you have any questions regarding this permit, please do not hesitate to contact Chad Stephenson, at the Department of Natural Resources' Air Pollution Control Program, P.O. Box 176, Jefferson City, MO 65102 or at (573) 751-4817. Thank you for your attention to this matter.

Sincerely,

AIR POLLUTION CONTROL PROGRAM

A handwritten signature in blue ink, appearing to read 'S. Heckenkamp', is written over the typed name.

Susan Heckenkamp  
New Source Review Unit Chief

SH:sca

Enclosures

c: Kansas City Regional Office  
PAMS File: 2020-01-018

Permit Number: 052020-002