

MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
AIR QUALITY DIVISION

June 2, 2017

PERMIT TO INSTALL
318-98A

ISSUED TO
Detroit Salt Company, L.C.

LOCATED AT
12841 Sanders Street
Detroit, Michigan

IN THE COUNTY OF
Wayne

STATE REGISTRATION NUMBER
M4685

The Air Quality Division has approved this Permit to Install, pursuant to the delegation of authority from the Michigan Department of Environmental Quality. This permit is hereby issued in accordance with and subject to Section 5505(1) of Article II, Chapter I, Part 55, Air Pollution Control, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended. Pursuant to Air Pollution Control Rule 336.1201(1), this permit constitutes the permittee's authority to install the identified emission unit(s) in accordance with all administrative rules of the Department and the attached conditions. Operation of the emission unit(s) identified in this Permit to Install is allowed pursuant to Rule 336.1201(6).

DATE OF RECEIPT OF ALL INFORMATION REQUIRED BY RULE 203:

February 10, 2017

DATE PERMIT TO INSTALL APPROVED:

June 2, 2017

SIGNATURE:

SIGNATURE:

DATE PERMIT VOIDED:

DATE PERMIT REVOKED:

SIGNATURE:

PERMIT TO INSTALL

Table of Contents

| Section | Page |
|---|-------------|
| Alphabetical Listing of Common Abbreviations / Acronyms | 2 |
| General Conditions | 3 |
| Special Conditions | 5 |
| Emission Unit Summary Table..... | 5 |
| Special Conditions for EU-BAGPLANT..... | 6 |
| Flexible Group Summary Table | 8 |
| Special Conditions for FG-ROCKSALTPLANT..... | 9 |
| Special Conditions for FGFACILITY | 11 |
| Appendix A: Nuisance Management Plan for Fugitive Dust..... | 13 |
| Appendix B: Equipment List..... | 14 |

Common Abbreviations / Acronyms

| Common Acronyms | | Pollutant / Measurement Abbreviations | |
|---------------------------|--|--|---|
| AQD | Air Quality Division | acfm | Actual cubic feet per minute |
| BACT | Best Available Control Technology | BTU | British Thermal Unit |
| CAA | Clean Air Act | °C | Degrees Celsius |
| CAM | Compliance Assurance Monitoring | CO | Carbon Monoxide |
| CEM | Continuous Emission Monitoring | CO _{2e} | Carbon Dioxide Equivalent |
| CFR | Code of Federal Regulations | dscf | Dry standard cubic foot |
| COM | Continuous Opacity Monitoring | dscm | Dry standard cubic meter |
| Department/ department | Michigan Department of Environmental Quality | °F | Degrees Fahrenheit |
| EU | Emission Unit | gr | Grains |
| FG | Flexible Group | HAP | Hazardous Air Pollutant |
| GACS | Gallons of Applied Coating Solids | Hg | Mercury |
| GC | General Condition | hr | Hour |
| GHGs | Greenhouse Gases | HP | Horsepower |
| HVLP | High Volume Low Pressure* | H ₂ S | Hydrogen Sulfide |
| ID | Identification | kW | Kilowatt |
| IRSL | Initial Risk Screening Level | lb | Pound |
| ITSL | Initial Threshold Screening Level | m | Meter |
| LAER | Lowest Achievable Emission Rate | mg | Milligram |
| MACT | Maximum Achievable Control Technology | mm | Millimeter |
| MAERS | Michigan Air Emissions Reporting System | MM | Million |
| MAP | Malfunction Abatement Plan | MW | Megawatts |
| MDEQ | Michigan Department of Environmental Quality | NMOC | Non-methane Organic Compounds |
| MSDS | Material Safety Data Sheet | NO _x | Oxides of Nitrogen |
| NA | Not Applicable | ng | Nanogram |
| NAAQS | National Ambient Air Quality Standards | PM | Particulate Matter |
| NESHAP | National Emission Standard for Hazardous Air Pollutants | PM ₁₀ | Particulate Matter equal to or less than 10 microns in diameter |
| NSPS | New Source Performance Standards | PM _{2.5} | Particulate Matter equal to or less than 2.5 microns in diameter |
| NSR | New Source Review | pph | Pounds per hour |
| PS | Performance Specification | ppm | Parts per million |
| PSD | Prevention of Significant Deterioration | ppmv | Parts per million by volume |
| PTE | Permanent Total Enclosure | ppmw | Parts per million by weight |
| PTI | Permit to Install | psia | Pounds per square inch absolute |
| RACT | Reasonable Available Control Technology | psig | Pounds per square inch gauge |
| ROP | Renewable Operating Permit | scf | Standard cubic feet |
| SC | Special Condition | sec | Seconds |
| SCR | Selective Catalytic Reduction | SO ₂ | Sulfur Dioxide |
| SNCR | Selective Non-Catalytic Reduction | TAC | Toxic Air Contaminant |
| SRN | State Registration Number | Temp | Temperature |
| TEQ | Toxicity Equivalence Quotient | THC | Total Hydrocarbons |
| USEPA/EPA | United States Environmental Protection Agency | tpy | Tons per year |
| VE | Visible Emissions | µg | Microgram |
| | | µm | Micrometer or Micron |
| | | VOC | Volatile Organic Compounds |
| | | yr | Year |

*For HVLP applicators, the pressure measured at the gun air cap shall not exceed 10 psig.

GENERAL CONDITIONS

1. The process or process equipment covered by this permit shall not be reconstructed, relocated, or modified, unless a Permit to Install authorizing such action is issued by the Department, except to the extent such action is exempt from the Permit to Install requirements by any applicable rule. **(R 336.1201(1))**
2. If the installation, construction, reconstruction, relocation, or modification of the equipment for which this permit has been approved has not commenced within 18 months, or has been interrupted for 18 months, this permit shall become void unless otherwise authorized by the Department. Furthermore, the permittee or the designated authorized agent shall notify the Department via the Supervisor, Permit Section, Air Quality Division, Michigan Department of Environmental Quality, P.O. Box 30260, Lansing, Michigan 48909-7760, if it is decided not to pursue the installation, construction, reconstruction, relocation, or modification of the equipment allowed by this Permit to Install. **(R 336.1201(4))**
3. If this Permit to Install is issued for a process or process equipment located at a stationary source that is not subject to the Renewable Operating Permit program requirements pursuant to R 336.1210, operation of the process or process equipment is allowed by this permit if the equipment performs in accordance with the terms and conditions of this Permit to Install. **(R 336.1201(6)(b))**
4. The Department may, after notice and opportunity for a hearing, revoke this Permit to Install if evidence indicates the process or process equipment is not performing in accordance with the terms and conditions of this permit or is violating the Department's rules or the Clean Air Act. **(R 336.1201(8), Section 5510 of Act 451, PA 1994)**
5. The terms and conditions of this Permit to Install shall apply to any person or legal entity that now or hereafter owns or operates the process or process equipment at the location authorized by this Permit to Install. If the new owner or operator submits a written request to the Department pursuant to R 336.1219 and the Department approves the request, this permit will be amended to reflect the change of ownership or operational control. The request must include all of the information required by subrules (1)(a), (b), and (c) of R 336.1219 and shall be sent to the District Supervisor, Air Quality Division, Michigan Department of Environmental Quality. **(R 336.1219)**
6. Operation of this equipment shall not result in the emission of an air contaminant which causes injurious effects to human health or safety, animal life, plant life of significant economic value, or property, or which causes unreasonable interference with the comfortable enjoyment of life and property. **(R 336.1901)**
7. The permittee shall provide notice of an abnormal condition, start-up, shutdown, or malfunction that results in emissions of a hazardous or toxic air pollutant which continue for more than one hour in excess of any applicable standard or limitation, or emissions of any air contaminant continuing for more than two hours in excess of an applicable standard or limitation, as required in Rule 912, to the Department. The notice shall be provided not later than two business days after start-up, shutdown, or discovery of the abnormal condition or malfunction. Written reports, if required, must be filed with the Department within 10 days after the start-up or shutdown occurred, within 10 days after the abnormal conditions or malfunction has been corrected, or within 30 days of discovery of the abnormal condition or malfunction, whichever is first. The written reports shall include all of the information required in Rule 912(5). **(R 336.1912)**
8. Approval of this permit does not exempt the permittee from complying with any future applicable requirements which may be promulgated under Part 55 of 1994 PA 451, as amended or the Federal Clean Air Act.
9. Approval of this permit does not obviate the necessity of obtaining such permits or approvals from other units of government as required by law.
10. Operation of this equipment may be subject to other requirements of Part 55 of 1994 PA 451, as amended and the rules promulgated thereunder.

11. Except as provided in subrules (2) and (3) or unless the special conditions of the Permit to Install include an alternate opacity limit established pursuant to subrule (4) of R 336.1301, the permittee shall not cause or permit to be discharged into the outer air from a process or process equipment a visible emission of density greater than the most stringent of the following. The grading of visible emissions shall be determined in accordance with R 336.1303. **(R 336.1301)**
 - a) A six-minute average of 20 percent opacity, except for one six-minute average per hour of not more than 27 percent opacity.
 - b) A visible emission limit specified by an applicable federal new source performance standard.
 - c) A visible emission limit specified as a condition of this Permit to Install.

12. Collected air contaminants shall be removed as necessary to maintain the equipment at the required operating efficiency. The collection and disposal of air contaminants shall be performed in a manner so as to minimize the introduction of contaminants to the outer air. Transport of collected air contaminants in Priority I and II areas requires the use of material handling methods specified in R 336.1370(2). **(R 336.1370)**

13. The Department may require the permittee to conduct acceptable performance tests, at the permittee's expense, in accordance with R 336.2001 and R 336.2003, under any of the conditions listed in R 336.2001. **(R 336.2001)**

SPECIAL CONDITIONS

EMISSION UNIT SUMMARY TABLE

The descriptions provided below are for informational purposes and do not constitute enforceable conditions.

| Emission Unit ID | Emission Unit Description (Process Equipment & Control Devices) | Flexible Group ID |
|-------------------------|---|--------------------------|
| EU-SBIN | Surge Bin Transfer Point (1 Unit) | FG-ROCKSALTPLANT |
| EU-STACKER | Storage Pile Stacker | FG-ROCKSALTPLANT |
| EU-CONRAIL | Conveyor to load rail cars | FG-ROCKSALTPLANT |
| EU-CONTFR | Conveyor Transfer Points | FG-ROCKSALTPLANT |
| EU-FLOADER | Fugitive Emissions From Front Loaders | FG-ROCKSALTPLANT |
| EU-TRAF | Fugitive Emissions From Truck Traffic | FG-ROCKSALTPLANT |
| EU-STKPILE | Material Storage Pile | FG-ROCKSALTPLANT |
| EU-CRUSHER | Inline Breaker | FG-ROCKSALTPLANT |
| EU-BAGPLANT | Bagging plant – two identical lines to package rock salt into bags. Each line has a bag sealing machine with an associated dust collector that is vented inside the building. | |

The following conditions apply to: EU-BAGPLANT

DESCRIPTION: Bagging plant – two identical lines to package rock salt into bags.

Flexible Group ID:

POLLUTION CONTROL EQUIPMENT: Each line has a bag sealing machine with an associated dust collector that is vented inside the building.

I. EMISSION LIMITS

1. Visible emissions from the EU-BAGPLANT building openings shall not exceed 7 percent opacity. **(R 336.1301, 40 CFR 52.21 (c) & (d), 40 CFR 60.672(e)(1))**

II. MATERIAL LIMITS

1. The permittee shall not process more than 200,000 tons of rock salt through EU-BAGPLANT per 12-month rolling time period as determined at the end of each calendar month. **(R 336.1205, 40 CFR 52.21 (c) & (d))**

III. PROCESS/OPERATIONAL RESTRICTIONS

NA

IV. DESIGN/EQUIPMENT PARAMETERS

1. The permittee shall keep all doors and building openings closed while EU-BAGPLANT is operating, except as necessary for vehicle access. **(R 336.1205, R 336.1301, 40 CFR 52.21 (c) & (d))**

V. TESTING/SAMPLING

Records shall be maintained on file for a period of five years. **(R 336.1201(3))**

1. Within 60 days after achieving maximum production rate, but not later than 180 days after commencement of trial operation, the permittee shall evaluate visible emissions from EU-BAGPLANT, at owner's expense, in accordance with federal Standards of Performance for New Stationary Sources 40 CFR Part 60 Subparts A and OOO, using US EPA Method 9 or an alternative method approved by the AQD. The permittee must have prior approval from the AQD for visible emission observation procedures. Verification of visible emissions includes the submittal of a complete report of opacity observations to the AQD within 45 days following the last date of the evaluation. **(R 336.1301, 40 CFR 60.672, 40 CFR 60.675(d)(1), 40 CFR Part 60 Subparts A & OOO)**

VI. MONITORING/RECORDKEEPING

Records shall be maintained on file for a period of five years. **(R 336.1201(3))**

1. The permittee shall complete all required calculations in a format acceptable to the AQD District Supervisor by the last day of the calendar month, for the previous calendar month, unless otherwise specified in any monitoring/recordkeeping special condition. **(R 336.1205, 40 CFR 52.21 (c) & (d))**

2. The permittee shall conduct, at owner's expense, quarterly 30-minute visible emissions inspections of each EU-BAGPLANT baghouse using US EPA Method 22 while the baghouse is operating in accordance with federal Standards of Performance for New Stationary Sources 40 CFR Part 60 Subparts A and OOO. If any visible emissions are observed, the permittee must initiate corrective action within 24 hours to return the baghouse to normal operation. The permittee must record each Method 22 (40 CFR part 60, appendix A-7) test, including the date and any corrective actions taken, in the logbook required under 40 CFR 60.676(b). The permittee must have prior approval from the AQD for visible emission observation procedures. Verification of visible emissions includes the submittal of a complete report of opacity observations to the AQD within 45 days following the last date of the evaluation. **(R 336.1301, 40 CFR 60.674(c), 40 CFR Part 60 Subparts A & OOO)**
3. The permittee shall keep, in a satisfactory manner, records of each quarterly visible emission inspection required under 40 CFR 60.674(c), including dates of the inspections and any corrective actions taken, in a logbook (in written or electronic format). The permittee shall keep records on file at the facility and make them available to the Department upon request. **(40 CFR 60.676(b), 40 CFR Part 60 Subparts A & OOO)**
4. The permittee shall keep daily and monthly records of the amount of material processed through EU-BAGPLANT. Further the permittee shall calculate on a monthly basis, the yearly throughput rate based upon the most recent 12-month rolling time period. The permittee shall keep records of the amount of material processed on file and make them available to the Department upon request. **(R 336.1205, 40 CFR 52.21 (c) & (d))**

VII. REPORTING

1. Within 30 days after completion of the installation, construction, reconstruction, relocation, or modification of EU-BAGPLANT authorized by this Permit to Install, the permittee or the authorized agent pursuant to Rule 204, shall notify the AQD District Supervisor, in writing, of the completion of the activity. Completion of the installation, construction, reconstruction, relocation, or modification is considered to occur not later than commencement of trial operation of EU-BAGPLANT. **(R 336.1201(7)(a))**.
2. The permittee shall provide written notification of construction and operation of EU-BAGPLANT to comply with the federal Standards of Performance for New Stationary Sources, 40 CFR 60.7. The permittee shall submit this notification to the AQD District Supervisor within the time frames specified in 40 CFR 60.7. **(40 CFR 60.7)**

VIII. STACK/VENT RESTRICTIONS

1. The exhaust gases from EU-BAGPLANT shall not be discharged to the ambient air through a vent, as defined in 40 CFR 60.671, at any time. **(40 CFR 52.21(c) & (d))**

IX. OTHER REQUIREMENTS

1. The permittee shall comply with all provisions of the federal Standards of Performance for New Stationary Sources as specified in 40 CFR Part 60 Subparts A and OOO, as they apply to EU-BAGPLANT. **(40 CFR Part 60 Subparts A & OOO)**

Footnotes:

¹This condition is state only enforceable and was established pursuant to Rule 201(1)(b).

FLEXIBLE GROUP SUMMARY TABLE

The descriptions provided below are for informational purposes and do not constitute enforceable conditions.

| Flexible Group ID | Flexible Group Description | Associated Emission Unit IDs |
|--------------------------|--|--|
| FG-ROCKSALTPLANT | Rock salt production process, including conveyors, the stockpile, and vehicle loading. | EU-SBIN, EU-STACKER, EU-CONRAIL, EU-CONTRFR, EU-FLOADER, EU-TRAF, EU-STKPILE, EU-CRUSHER |
| FGFACILITY | All process equipment source-wide including equipment covered by other permits, grand-fathered equipment and exempt equipment. | |

The following conditions apply to: FG-ROCKSALTPLANT

DESCRIPTION: Rock salt production process, including conveyors, the stockpile, and vehicle loading.

Emission Units: EU-SBIN, EU-STACKER, EU-CONRAIL, EU-CONTRFR, EU-FLOADER, EU-TRAF, EU-STKPILE, EU-CRUSHER

POLLUTION CONTROL EQUIPMENT: Partially enclosed conveyors

I. EMISSION LIMITS

1. Visible emissions from each bucket elevator, conveyor belt transfer point, truck loading station, railcar loading station, or any other affected facility as defined in 40 CFR 60.670 and 60.671 of FG-ROCKSALTPLANT shall not exceed 7 percent opacity, except as specified in the Federal Standards of Performance for New Stationary Sources, 40 CFR Part 60, Subparts A and OOO. **(R 336.1205, R 336.1301, 40 CFR 52.21 (c) & (d), 40 CFR 60.672(b), 40 CFR Part 60, Subpart OOO)**
2. Visible emissions from all wheel loaders, all truck traffic, and the stockpile operated in conjunction with FG-ROCKSALTPLANT, shall not exceed a six minute average of five (5) percent opacity. Compliance shall be demonstrated using Test Method 9D as defined in Section 324.5525(j) of Part 55, Air Pollution Control, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended (Act 451). **(R 336.1301, 40 CFR 52.21(c) & (d))**
3. Visible emissions from EU-CRUSHER shall not exceed 15 percent opacity except as specified in the Federal Standards of Performance for New Stationary Sources, 40 CFR Part 60, Subparts A and OOO. **(R336.1205, R336.1301, 40 CFR 52.21 (c) & (d), 40 CFR Part 60, Subpart OOO)**

II. MATERIAL LIMITS

1. The Permittee shall not process more than 200,000 tons of salt per 12-month rolling time period, as determined at the end of each calendar month, year in EU-CRUSHER. **(R336.1205, 40 CFR 52.21 (c) & (d))**

III. PROCESS/OPERATIONAL RESTRICTIONS

NA

IV. DESIGN/EQUIPMENT PARAMETERS

1. The permittee shall ensure that all above ground conveyor belts and stackers are 180° enclosed and are equipped with belt wipers and hoppers of proper size to prevent excessive spills. **(R336.1205, R336.1901, 40 CFR 52.21 (c) & (d))**

V. TESTING/SAMPLING

Records shall be maintained on file for a period of five years. **(R 336.1201(3))**

1. Within 60 days after achieving maximum production rate, but not later than 180 days after commencement of trial operation, the permittee shall evaluate visible emissions from each new affected facility, at owner's expense, in accordance with federal Standards of Performance for New Stationary Sources 40 CFR Part 60 Subparts A and OOO, using US EPA Method 9 or an alternative method approved by the AQD. The permittee must have prior approval from the AQD for visible emission observation procedures. No less than 10 days prior to the anticipated test date, the permittee shall notify the AQD District Supervisor of the test date. If after the anticipated test date has been submitted to the AQD District Supervisor, there is a delay in conducting the test, the permittee shall submit to the AQD District Supervisor notice of the new test date. This notification shall take place a minimum of 3 days prior to the rescheduled test-taking place. Verification of visible emissions includes the submittal of a complete report of opacity observations to the AQD within 45 days following the last date of the evaluation. **(R 336.1301, 40 CFR Part 60 Subparts A & OOO)**

VI. MONITORING/RECORDKEEPING

Records shall be maintained on file for a period of five years. **(R 336.1201(3))**

1. The permittee shall keep daily, monthly, and 12-month rolling time period records of the amount of salt processed in EU-CRUSHER. The permittee shall keep all records and calculations on file for a period of at least five years and make them available to the Department upon request. **(R336.1205, 40 CFR 52.21 (c) & (d))**

VII. REPORTING

1. Within 30 days after completion of the installation, construction, reconstruction, relocation, or modification of FG-ROCKSALTPLANT authorized by this Permit to Install, the permittee or the authorized agent pursuant to Rule 204, shall notify the AQD District Supervisor, in writing, of the completion of the activity. Completion of the installation, construction, reconstruction, relocation, or modification is considered to occur not later than commencement of trial operation of FG-ROCKSALTPLANT. **(R 336.1201(7)(a))**.
2. The permittee shall provide written notification of construction and operation of the modifications to FG-ROCKSALTPLANT to comply with the federal Standards of Performance for New Stationary Sources, 40 CFR 60.7. The permittee shall submit this notification to the AQD District Supervisor within the time frames specified in 40 CFR 60.7. **(40 CFR 60.7)**

VIII. STACK/VENT RESTRICTIONS

NA

IX. OTHER REQUIREMENTS

1. The permittee shall comply with all provisions of the federal Standards of Performance for New Stationary Sources as specified in 40 CFR Part 60 Subparts A and OOO, as they apply to FG-ROCKSALTPLANT. **(40 CFR Part 60 Subparts A & OOO)**

Footnotes:

¹This condition is state only enforceable and was established pursuant to Rule 201(1)(b).

The following conditions apply Source-Wide to: FGFACILITY

POLLUTION CONTROL EQUIPMENT: Each bagging plant line has a bag sealing machine with an associated dust collector that is vented inside the building. The rock salt plant conveyors are partially enclosed.

I. EMISSION LIMITS

NA

II. MATERIAL LIMITS

1. The permittee shall not process any asbestos tailing or asbestos containing waste materials in FGFACILITY pursuant to the National Emission Standards for Hazardous Air Pollutants, 40 CFR Part 61 Subpart M. **(40 CFR Part 61 Subpart M)**
2. The permittee shall not process more than 600 tons of salt per hour nor more than 2,500,000 tons of salt per 12-month rolling time period, as determined at the end of each calendar month. **(R336.1205, 40 CFR 52.21 (c) & (d))**

III. PROCESS/OPERATIONAL RESTRICTIONS

1. The permittee shall not exceed a maximum equivalent of 34,000 50-ton rock salt transportation trucks leaving the facility for each 12-month rolling time period, as determined at the end of each calendar month. **(R336.1205, 40 CFR 52.21 (c) & (d))**
2. The permittee shall not exceed a maximum equivalent of 8,000 25-ton palletized rock salt trucks leaving the facility for each 12-month rolling time period, as determined at the end of each calendar month. **(R336.1205, 40 CFR 52.21 (c) & (d))**
3. The permittee shall not operate the facility unless the program for continuous fugitive emissions control for all plant roadways, the plant yard, the material storage pile, and all material handling operations specified in Appendix A has been implemented and is maintained. **(R336.1205, R 336.1901, 40 CFR 52.21 (c) & (d))**
4. The Permittee shall not form more than a single outdoor material storage pile. **(R336.1205, 40 CFR 52.21 (c) & (d))**

IV. DESIGN/EQUIPMENT PARAMETERS

1. The permittee shall pave the plant roadways. **(R 336.1205, R 336.1301, 40 CFR 52.21 (c) & (d))**

V. TESTING/SAMPLING

Records shall be maintained on file for a period of five years. **(R 336.1201(3))**

NA

VI. MONITORING/RECORDKEEPING

Records shall be maintained on file for a period of five years. **(R 336.1201(3))**

1. The permittee shall keep monthly and 12-month rolling time period, as determined at the end of each calendar month, records of the amount of salt processed at the facility. The permittee shall keep all records and calculations on file for a period of at least five years and make them available to the Department upon request. **(R336.1205, 40 CFR 52.21 (c) & (d))**
2. The permittee shall keep, in a manner acceptable to the AQD District Supervisor, daily, monthly and 12-month rolling time period, as determined at the end of each calendar month, records of the type, size (weight) and number of rock salt transportation trucks entering and leaving the facility. The permittee shall calculate an equivalent number of 50-ton rock salt transportation trucks entering and leaving the facility based on that month's daily records. The permittee shall keep all records and calculations on file for a period of at least five years and make them available to the Department upon request. **(R336.1205, 40 CFR 52.21 (c) & (d))**
3. The permittee shall keep, in a manner acceptable to the AQD District Supervisor, daily, monthly and 12-month rolling time period, as determined at the end of each calendar month, records of the type, size (weight) and number of palletized rock salt trucks entering and leaving the facility. The permittee shall calculate an equivalent number of 25-ton palletized rock salt trucks entering and leaving the facility based on that month's daily records. The permittee shall keep all records and calculations on file for a period of at least five years and make them available to the Department upon request. **(R336.1205, 40 CFR 52.21 (c) & (d))**

VII. REPORTING

1. The permittee shall provide written notification of construction and operation to comply with the federal Standards of Performance for New Stationary Sources, 40 CFR 60.7. The permittee shall submit this notification to the AQD District Supervisor within the time frames specified in 40 CFR 60.7. **(40 CFR 60.7)**

VIII. STACK/VENT RESTRICTIONS

NA

IX. OTHER REQUIREMENTS

1. Within 45 days of issuance of this permit, the permittee shall label all equipment using the company ID Numbers in Appendix B, according to a method acceptable to the AQD District Supervisor. Labels shall be in a conspicuous location on the equipment. Within seven days of completing the labeling, the permittee shall notify the AQD District Supervisor, in writing, as to the date the labeling was completed. **(R 336.1201)**
2. The permittee shall comply with all provisions of the federal Standards of Performance for New Stationary Sources as specified in 40 CFR Part 60 Subparts A and OOO, as they apply to FGFACILITY. **(40 CFR Part 60 Subparts A & OOO)**

Footnotes:

¹This condition is state only enforceable and was established pursuant to Rule 201(1)(b).

Appendix A: Nuisance Management Plan for Fugitive Dust

- I. Site Roadways / Plant Yard
 - A. The dust on the site roadways/plant yard shall be controlled by applications of calcium chloride or sodium chloride or other acceptable and approved fugitive dust control compounds. Applications of dust suppressants shall be done as needed on a semi-monthly basis or more frequently if needed.
 - B. All paved roadways /paved plant yard shall be swept as needed between applications. Applicant shall pave the plant roadways.
 - C. A record of all dust suppressant applications and vacuum sweepings shall be kept on file and made available upon request to the Division.
 - D. Maximum speed of vehicles shall be posted and limited to 10 mph. A minimum of 3 speed - limit signs shall be posted in the facility where it is readily visible to truck drivers. One shall be posted at the entrance, another one shall be posted at the scale house and the last one shall be posted within the area of truck movement.
 - E. Any material spillage on roads shall be removed within a reasonable time period by vacuum sweeping or other means as needed.
- II. Material Storage Pile
 - A. Stockpiling of rock salt shall be performed with wheeled loaders and mechanical stackers and the maximum drop distance allowed is 3 feet or less. This requirement does not apply when the pile is less than 11 feet high.
 - B. Remove spilled materials immediately by vacuum sweeping or by other means as needed.
- III. Truck Traffic
 - A. On-site, vehicles shall be loaded to prevent their contents from dropping, leaking, blowing or otherwise escaping. This shall be accomplished by loading so that all loads shall remain below six inches of the top of any sideboard, side panel or tailgate.
 - B. All salt trucks must be tarped prior to leaving the site.
 - C. All salt trucks shall use Oakwood Avenue, S. Sanders Street, or Bayside Street.
 - D. The applicant shall clean the wheels and body of each truck leaving the plant premises to remove spilled materials after the truck has been loaded with salt. (The truck wheel wash station shall be located at or near the point of departure from the premises)
- IV. Conveyors
 - A. All above ground conveyor belts and stackers shall be 180° enclosed and be equipped with belt wipers and hoppers of proper size to prevent excessive spills.
 - B. All transfer guides shall be sufficiently narrowed and aligned properly to minimize the spills.
 - C. Conveyors to rail cars shall have a drop distance of less than 3 feet or operated with a telescopic chute.
 - D. The applicant shall clean and remove all spilled material from the ground under conveyors in reasonable time.
- V. AQD/MDEQ Inspection - The provisions and procedures of this plan are subject to adjustment by written notification from the AQD, if following an inspection, the AQD finds the fugitive dust requirements and/or the permitted opacity limits are not being met.

Appendix B: Equipment List

SK1 - Skip

SK2 - Skip

SB1 - Surge Bin

C1 - Transfer Conveyor

C2 - Railcar loading conveyor

C3 - Transfer conveyor

C4 - Stacking conveyor

C5 - Yard conveyor

C6 - Yard conveyor

C7 - Yard conveyor

C8 - Yard conveyor

C9 - Yard Conveyor

C10 - Yard conveyor

C11 - Transfer conveyor

C12 - Yard Conveyor

C13 - Yard Conveyor

IB1 - Inline breaker

DW1 - Reclaimer

DW2 - Reclaimer

DW3 - Reclaimer

FL1 - Wheel Loader

FL2 - Wheel Loader

FL3 - Wheel Loader

FL4 - Wheel Loader