Appendix A.3 - Pilot Peak Plant, Graymont

Provisions provided in the following air quality operating permit issued by the Nevada Division of Environmental Protection for the Pilot Peak Plant are hereby incorporated and adopted into Nevada's Second Regional Haze SIP by reference. In this appendix, NDEP is only providing pages containing specific permit conditions relevant to this Regional Haze SIP. Provisions that are struck-out ~~are not~~ intended to be incorporated into the SIP by reference for approval or intended to be codified as part of Nevada's Second Regional Haze SIP.

NEVADA DIVISION OF
ENVIRONMENTAL
PROTECTION

STATE OF NEVADA
Department of Conservation & Natural Resources
Joe Lombardo, *Governor*
James A. Settelmeyer, *Director*
Jennifer L. Carr, *Administrator*

June 14, 2024

Douglas Held
Plant Manager
Graymont Western US Inc.
P.O. Box 2520
Wendover, NV 89883

RE: Notification of Issuance of the Minor Revision of Class I Air Quality Operating Permit AP3274-1329.03, FIN A0367, Air Case 11821 – Pilot Peak Plant

Dear Mr. Held:

The Nevada Division of Environmental Protection – Bureau of Air Pollution Control (BAPC) has reviewed the application submitted by Graymont Western US Inc. on October 26, 2023 for the above-referenced operating permit under legal authority from Nevada Revised Statutes (NRS) 445B.100 through 445B.640, inclusive, and pursuant to regulations in Nevada Administrative Code (NAC) 445B.001 through 445B.3689, inclusive. Based upon technical review and recommendation, I hereby issue the operating permit with appropriate restrictions. Enclosed is your copy of the operating permit which must be posted conspicuously at the facility.

The draft copy of the above-referenced permit was submitted to EPA Region 9 on April 29, 2024 for the required 45-day review period pursuant to NAC 445B.3395 which defaults to end on June 13, 2024. EPA Region 9 had no further comments.

In accordance with NRS 445B.340 and NAC 445B.890, you may appeal the Department's issuance of the operating permit within 10 days after you receive the operating permit. Appeals may be filed with the State Environmental Commission located at 901 S. Stewart Street, Carson City, Nevada 89701. For questions regarding appeals, call (775) 687-9374.

Please review the operating permit carefully and ensure you understand all conditions, restrictions, monitoring, recordkeeping, and other requirements. If you have any questions, contact Derek Rizo at (775) 687-9495 or drizo@ndep.nv.gov.

Sincerely,

Jaimie Mara
Supervisor, Permitting Branch
Bureau of Air Pollution Control

JM/dr
Enclosure: Class I Air Quality Operating Permit AP3274-1329.03
Certified Mail No. 9489 0090 0027 6498 7545 06
E-Copy (w/ enclosure): Douglas Held, Graymont Western US Inc.
Nate Stettler, Graymont Western US Inc.

Nevada Department of Conservation and Natural Resources • Division of Environmental Protection

Bureau of Air Pollution Control

901 SOUTH STEWART STREET SUITE 4001
CARSON CITY, NEVADA 89701-5249
p: 775-687-9349 • www.ndep.nv.gov/bapc

Facility ID No. A0367 *Permit No.* AP3274-1329.03

CLASS I AIR QUALITY OPERATING PERMIT (*40 CFR Part 70 Program)*

Issued to: GRAYMONT WESTERN US INC. – PILOT PEAK PLANT (HEREINAFTER REFERRED TO AS PERMITTEE)
Mailing Address: 3950 SOUTH 700 EAST, SUITE 301, SALT LAKE CITY, UTAH 84107
Driving Directions: 12 MILES NORTHWEST OF WENDOVER, NEVADA. TAKE I-80 WEST FROM WENDOVER FOR 11 MILES; TAKE EXIT 398 AND TURN LEFT ONTO PILOT RD; PROCEED FOR 3.5 MILES TO THE PILOT PEAK PLANT
General Facility Location:
SECTIONS 10, 12 – 16, 21 – 28, AND 34 – 36, T 34 N, R 68 E, MDB&M
SECTIONS 30 AND 31, T 34 N, R 69 E, MDB&M
HA 191 AND 187 – PILOT CREEK VALLEY AND GOSHUTE VALLEY / ELKO COUNTY
NORTH 4,522,759 M, EAST 731,468 M, UTM ZONE 11, NAD 83

Emission Unit List:

~~A. System 01 – Limestone Truck Dump (Revised June 2024, Air Case # 11821)~~

~~PF1.001~~	~~Limestone Truck Dump transfer to Primary Crusher Hopper~~
~~PF1.001.1~~	~~Conveyor C-2 Transfer to Crusher R-1~~

~~B. System 01A – Limestone Truck Dump – Alternative Operating Scenario (Added June 2024, Air Case # 11821)~~

~~PF1.001a~~	~~Limestone Truck Dump transfer to Primary Crusher Hopper~~

~~C. System 02 – Primary Crushing and Screening Circuit (D-1)~~

~~S2.001~~	~~Primary Crusher R-1 and Associated Transfers (IN from Primary Crusher Hopper; OUT to Conveyor C-1 (S2.002))~~
~~S2.004~~	~~Primary Screen S-1 and Associated Transfers (IN from Conveyor C-1 (S2.006); OUT to Conveyors C-2 (S2.005), C-3 (S2.009), C-7 (S2.008), and C-305 (S2.010))~~
~~S2.007~~	~~Conveyor C-306 to Conveyor C-3~~
~~S2.010.1~~	~~Conveyor C-7 Transfer to Conveyor C-4~~
~~S2.010.2~~	~~Hopper/Feeder F-1 Transfer to Conveyor C-1~~

~~D. System 03 – Secondary Screening Circuit (D-311)~~

~~S2.012~~	~~Secondary Screen and Associated Transfers (IN from Conveyor C-305 (S2.011); OUT to Conveyors C-5 (S2.014), C-306 (S2.013), and C-307 (S2.015))~~

~~E. System 05 - Limestone Quarry Conveyance Transfers (Revised June 2024, Air Case # 11821)~~

~~PF1.002~~	~~Conveyor C-3 Transfer to Stockpile~~
~~PF1.003~~	~~Conveyor C-4 Transfer to Stockpile~~
~~PF1.004~~	~~Conveyor C-5 Transfer to Conveyor C-6~~
~~PF1.005~~	~~Conveyor C-6 Transfer to Stockpile~~
~~PF1.006~~	~~Conveyor C-307 Transfer to Conveyor C-308~~
~~PF1.007~~	~~Conveyor C-308 Transfer to Stockpile~~

~~F. System 05A - Limestone Quarry Conveyance Transfers – Alternative Operating Scenario (Added June 2024, Air Case # 11821)~~

~~PF1.002a~~	~~Conveyor C-3 Transfer to Stockpile~~
~~PF1.003a~~	~~Conveyor C-4 Transfer to Stockpile~~
~~PF1.004a~~	~~Conveyor C-5 Transfer to Conveyor C-6~~
~~PF1.005a~~	~~Conveyor C-6 Transfer to Stockpile~~
~~PF1.006a~~	~~Conveyor C-307 Transfer to Conveyor C-308~~
~~PF1.007a~~	~~Conveyor C-308 Transfer to Stockpile~~

Issued to: GRAYMONT WESTERN US INC. – PILOT PEAK PLANT

Emission Unit List (continued):

~~**G. System 06 - Lime Plant Conveyance Transfers**~~

~~PF1.008~~	~~Stockpile Transfer to Conveyor C-10 (F214)~~
~~PF1.009~~	~~Stockpile Transfer to Conveyor C-10 (F213)~~
~~PF1.010~~	~~Stockpile Transfer to Conveyor C-10 (F12)~~
~~PF1.011~~	~~Stockpile Transfer to Conveyor C-10 (F11)~~
~~PF1.012~~	~~Stockpile Transfer to Conveyor C-10 (F10)~~
~~PF1.013~~	~~Stockpile Transfer to Conveyor C-10 (F215)~~
~~PF1.014~~	~~Stockpile Transfer to Conveyor C-10 (F216)~~
~~PF1.015~~	~~Stockpile Transfer to Conveyor C-10 (F217)~~
~~PF1.016~~	~~Stockpile Transfer to Conveyor C-10 (F218)~~
~~PF1.017~~	~~Stockpile Transfer to Conveyor C-311 (F310)~~
~~PF1.018~~	~~Stockpile Transfer to Conveyor C-311 (F311)~~
~~PF1.019~~	~~Stockpile Transfer to Conveyor C-312 (F312)~~
~~PF1.020~~	~~Stockpile Transfer to Conveyor C-312 (F313)~~
~~PF1.021~~	~~Stockpile Transfer to Conveyor C-312 (F314)~~
~~PF1.022~~	~~Stockpile Transfer to Conveyor C-312 (F315)~~
~~PF1.023~~	~~Stockpile Transfer to Conveyor C-312 (F316)~~
~~PF1.024~~	~~Conveyor C-313 Transfer to Fines Stockpile~~
~~PF1.025~~	~~Conveyor C-11 Transfer to Fines Stockpile~~
~~PF1.026~~	~~Conveyor C-311 Transfer to Conveyor C-312~~

~~**H. System 07 - Lime Plant Stone Dressing Screen (Kilns 1 and 2) (D-10)**~~

~~S2.017~~	~~Stone Dressing Screen S-10 and Associated Transfers (IN from Conveyor C-10 (S2.016); OUT to Conveyor C-11 (S2.018) and C-12 (S2.019))~~

~~**I. System 08 - Lime Plant Stone Dressing Screen**~~

~~S2.021~~	~~Stone Dressing Screen S-312 and Associated Transfers (IN from Conveyor C-312 (S2.020); OUT to Conveyors C-313 (S2.022) and C-314 (S2.023))~~

~~**J. System 09 - Lime Plant Stone Surge Bins N-19 (Kiln 1) and N-219 (Kiln 2) (D-19)**~~

~~S2.024~~	~~Conveyor C-12 Transfer to Stone Surge Bins N-19 and N-219~~
~~S2.026~~	~~Stone Surge Bin N-19 (S2.025) Transfer to Conveyor C-19~~
~~S2.027~~	~~Conveyor C-19 transfer to Kin #1 Pre-heater PH-20~~
~~S2.029~~	~~Stone Surge Bin N-219 (S2.028) Transfer to Conveyor C-219~~
~~S2.030~~	~~Conveyor C-219 Transfer to Kiln #2 Pre-heater PH-220~~

K. System 10 - Kiln #1 Circuit (D-85) (Revised June 2024, Air Case # 11821)

S2.031	Kiln #1 Pre-heater PH-20
S2.032	Kiln #1 (K-20) and Associated Coal Mill R-92
S2.033	Kiln #1 Lime Cooler N-21

~~**L. System 11 - Kiln #1 Coal Handling Circuit**~~

~~PF1.027~~	~~Truck Dump to Coal Hopper N-90~~
~~PF1.028~~	~~Coal Hopper N-90 transfer to Conveyor C-90~~
~~PF1.029~~	~~Coal Silo T-90 Discharge to Conveyor C-92 (followed by fully enclosed transfer to Coal Mill R-92 (PF1.030))~~

~~**M. System 12 - #1 Coal Silo T-90 (D-91)**~~

~~S2.035~~	~~Conveyor C-90 Transfer to Coal Silo T-90~~

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Emission Unit List (continued):

N. System 13 - Kiln #2 Circuit (D-285) (Revised June 2024, Air Case # 11821)
S2.036 Kiln #2 Pre-heater PH-220
S2.037 Kiln #2 (K-220) and Associated Coal Mill R-292
S2.038 Kiln #2 Lime Cooler N-221

~~**O. System 13a - Kiln #2 Circuit (D-282)**~~
~~S2.037.1 Kiln #2 K-220 Cyclone Bin N-280~~

~~**P. System 14 - Kiln #2 Coal Handling Circuit**~~
~~PF1.031 Conveyor C-90 Transfer to Conveyor C-290~~
~~PF1.032 Coal Silo T-290 Discharge to Conveyor C-292 (followed by fully enclosed transfer to coal mill R-292 via Conveyor C-292 (PF1.033))~~

~~**Q. System 15 - Kiln #2 Coal Silo T-290 (D-291)**~~
~~S2.039 Conveyor C-290 Transfer to Coal Silo T-290~~

~~**R. System 16 - Lime Plant Stone Feed to Kiln #3 (D-382)**~~
~~S2.041 Kiln #3 Conveyor C-314 transfer to Pre-heater PH-321~~

S. System 17 - Kiln #3 Circuit (D-385) (Revised June 2024, Air Case # 11821)
S2.042 Kiln #3 Pre-heater PH-321
S2.043 Kiln #3 (K-321) and Associated Coal Mill R-392
S2.044 Kiln #3 Lime Cooler N-332

~~**T. System 18 - Kiln #3 Coal Handling Circuit**~~
~~PF1.034 Conveyor C-90 Transfer to Conveyor C-391~~
~~PF1.035 Coal Silo T-391 Discharge to Conveyor C-392 (followed by fully enclosed transfer to Coal Mill R-392 via conveyor C-392 (PF1.036))~~

~~**U. System 19 - Kiln #3 Coal Silo T-391**~~
~~S2.045 Conveyor C-391 transfer to Coal Silo T-391~~

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Emission Unit List (continued):

~~**V. System 20 - Product Lime Loadout from Kiln #1 D-82**~~

~~S2.047~~	~~Kiln #1 Lime Cooler N-21 transfer to Conveyor C-30~~
~~S2.048~~	~~Conveyor C-30 Transfer to Bucket Elevator E-30~~
~~S2.051~~	~~Gate G-36 transfer to Kiln Run Silo T-40 (Silo T-40 Discharges via Fully Enclosed Transfer (S2.052))~~
~~S2.053~~	~~Feeder F-50 Transfer to Conveyor C-50~~
~~S2.054~~	~~Crusher R-50 and Associated Transfers (IN from Conveyor C-50; OUT to Gate G-55 (S2.055))~~
~~S2.056~~	~~Gate G-55 Transfer to Bucket Elevator E-30~~
~~S2.057~~	~~Gate G-36 Transfer to Core Bin N-30~~
~~S2.058~~	~~Core Bin N-30 Discharge~~
~~S2.067~~	~~Loadout Silo T-42 Discharge~~
~~S2.072~~	~~Conveyor C-231 Transfer to Bucket Elevator E-32~~
~~S2.074~~	~~Conveyor C-42 Transfer to Loadout Silo T-42~~
~~S2.075~~	~~Conveyor C-44 Transfer to Loadout Silo T-44 (Silo T-44 Discharges via Fully Enclosed Transfer Point to Conveyor C-61 (S2.109))~~
~~S2.077~~	~~Gate G-43 transfer to Kiln Run Silo T-40~~
~~S2.088~~	~~Gate G-39 Transfer to Kiln Run Silo T-40~~
~~S2.089~~	~~Gate G-39 Transfer to Core Bin N-30~~
~~S2.092~~	~~Gate G-37 Transfer to Core Bin N-30~~
~~S2.099~~	~~Gate G-44 Transfer to Kiln Run Silo T-40~~
~~S2.103~~	~~Conveyor C-51 Transfer to Conveyor C-50~~
~~S2.104~~	~~Gate G-55 Transfer to Bucket Elevator E-31~~
~~S2.106~~	~~Conveyor C-52 Discharge to Loadout~~
~~S2.108~~	~~Conveyor C-60 Discharge to Loadout~~
~~S2.110~~	~~Conveyor C-61 Discharge to Loadout~~
~~S2.111~~	~~Loadout Silo T-44 Discharge~~

~~**W. System 21 - Product Lime Loadout from Kiln #2**~~

~~S2.068~~	~~Kiln #2 Lime Cooler N-221 Transfer to Conveyor C-230~~
~~S2.069~~	~~Conveyor C-230 Transfer to Bucket Elevator E-230~~
~~S2.070~~	~~Mill R-250 and Associated Transfers (IN from Screen S-230 and Gate-236; OUT to Bucket Elevator E-230)~~
~~S2.071~~	~~Gate G-236 Transfer to Conveyor C-231~~
~~S2.078~~	~~Bucket Elevator E-230 Transfer to Gate G-235~~
~~S2.079~~	~~Gate G-235 Transfer to Screw Conveyor C-231~~
~~S2.080~~	~~Screen S-230 and Associated Transfers (IN from Gate G-235; OUT to Mill R-250, Gate G-236, and Conveyor C-231)~~

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Emission Unit List (continued):

~~**X. System 22 - Product Lime Loadout from Kiln #2 (DC-30)**~~

~~S2.050~~	~~Screen S-30 and Associated Transfers (IN from Gate G-36 and G-37 (S2.093); OUT to Conveyor C-42 or C-43 via Gate G-41 and Gate G-42 (S2.059); OUT to Conveyor C-42 or Screen S-30 Transfer to Kiln Run Silo T-40 (S2.062))~~
~~S2.060~~	~~Conveyor C-43 transfer to Silo T-43 (Silo T-43 Discharges via Fully Enclosed Transfer to Conveyor C-52 or Conveyor C-60 (S2.061 or S2.107))~~
~~S2.076~~	~~Conveyor C-41 Transfer to Kiln Run Silo T-41 (Silo T-41 Discharges Through Fully Enclosed Transfers to Either Conveyor C-51 or Conveyor C-52 (S2.102 or S2.105))~~
~~S2.081~~	~~Bucket Elevator E-32 Transfer to Gate G-38~~
~~S2.082~~	~~Screen S-31 and Associated Transfers (IN from Gate G-38 and Gate G-37 (S2.091); OUT to Screw Conveyor C-42 (S2.094), Gate G-44 (S2.096), and Gate G-43 (S2.100))~~
~~S2.083~~	~~Gate G-38 to Gate G-39~~
~~S2.084~~	~~Gate G-38 Transfer to Conveyor C-42~~
~~S2.085~~	~~Gate G-35 Transfer to Gate G-36 OR Gate G-35 Transfer to Screen S-31~~
~~S2.086~~	~~Bucket Elevator E-30 Transfer to Gate G-35~~
~~S2.087~~	~~Gate G-39 Transfer to Kiln Run Silo T-41~~
~~S2.090~~	~~Bucket Elevator E-31 Transfer to Gate G-37~~
~~S2.097~~	~~Gate G-44 Transfer to Screw Conveyor C-42 (Screw Conveyor C-42 Transfers to Conveyor C-44 via Fully Enclosed Transfer (S2.066))~~
~~S2.098~~	~~Gate G-44 Transfer to Conveyor C-43~~
~~S2.101~~	~~Gate-43 Transfer to Conveyor C-41~~

~~**Y. System 23 - Kiln #1 and Kiln #2 Cyclone/Baghouse Fines Silo Discharge**~~

~~PF1.038~~	~~Fine Dust Silo T-89 to Pugmill (includes discharge of saturated material from pugmill into truck (PF1.038.1))~~

~~**Z. System 24 - Kiln #1 and Kiln #2 Cyclone/Baghouse Product Loadout (D-89)**~~

~~S2.113~~	~~Process Baghouse Transfer to Fine Dust Silo T-89 via Conveyor C-285 and Conveyor C-85~~

~~**AA. System 25 - Kiln #1 and Kiln #2 Baghouse Fines Silo Discharge System (D-11)**~~

~~S2.224~~	~~Fines Silo T-89 Discharge to Truck via Retractable Spout~~

~~**AB. System 26 - Kiln #3 Baghouse Collection Product Loadout (D-388)**~~

~~S2.115~~	~~Process Baghouse Transfer to Fine Dust Silo T-388 via Conveyor C-385~~

~~**AC. System 27 - Kiln #3 Baghouse Fines Discharge System (D-389)**~~

~~S2.116~~	~~Fine Dust Silo T-388 Discharge to Truck (Vaculoader System)~~

~~**AD. System 28 - Kiln #3 Baghouse Fines Discharge System**~~

~~PF1.042~~	~~Fines Dust Silo T-388 Transfer to Pugmill (includes transfer of fully saturated material from pugmill to truck (PF1.042.1))~~

~~**AE. System 29 - Hydrate Plant Surge Bin**~~

~~S2.117~~	~~Conveyor C-1105 Transfer to Surge Bin N-1101~~
~~S2.117.1~~	~~Product Lime Silo T-44 Transfer to Gate G-1105~~
~~S2.117.2~~	~~Gate G-1105 Transfer to Conveyor C-1105~~
~~S2.118~~	~~Surge Bin N-1101 transfer to Conveyor C-1102~~
~~S2.118.1~~	~~Conveyor C-1102 Transfer to Conveyor C-1104~~
~~S2.119~~	~~Conveyor C-1104 Transfer to Hydrator Package~~

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Emission Unit List (continued):

~~**AF. System 30 - Hydrate Plant Hydrator**~~
~~S2.120 Hydrator~~
~~S2.121 Conveyor C-1122 Transfer to Gate G-1122~~

~~**AG. System 31 - Hydrate Plant Lime Transfer (DC-1132)**~~
~~S2.122 Gate G-1122 Transfer to Conveyor C-1123~~
~~S2.123 Separator Screen S-1130 and Associated Transfers (IN from Gate G-1122 and Bucket Elevator E-1130 (S2.130); OUT to Conveyor C-1130 (S2.124) and Conveyor C-1134 or Conveyor C-1132 (S2.128))~~
~~S2.125 Mill R-1130 and Associated Transfers (IN from Conveyor C-1130; OUT to Conveyor C-1131 (S2.129))~~
~~S2.126 Conveyor C-1131 Transfer to Bucket Elevator E-1130~~
~~S2.127 Separator Screen S-1131 and Associated Transfers (IN from Bucket Elevator E-1130; OUT to Conveyor C-1130, Conveyor C-1132, or Conveyor C-1134 (S2.128))~~
~~S2.131 Conveyor C-1134 and Conveyor C-1132 transfer to Bin N-1130~~

~~**AH. System 32 - Hydrate Plant Lime Transfer to Silo T-1140 (DC-1140) (Revised August 2021, Air Case # 10886)**~~
~~S2.132 Bin N-1130 Transfer to Gate G-1131~~
~~S2.132.1 Gate G-1131 to Gate G-1133~~
~~S2.135 Pneumatic Conveyor A-1130 Transfer to Loadout Silo T-1140 via Gate G-1133~~

~~**AI. System 33 - Hydrate Plant Lime Transfer to Silo T-1141(Revised August 2021, Air Case # 10886)**~~
~~S2.132 Bin N-1130 Transfer to Gate G-1131~~
~~S2.132.1 Gate G-1131 to Gate G-1133~~
~~S2.137 Pneumatic Conveyor A-1130 Transfer to Loadout Silo T-1141 via Gate G-1133~~

~~**AJ. System 34 - Hydrate Silos Loadout**~~
~~S2.136 Loadout Silo T-1140 Discharge via Conveyor C-1140~~
~~S2.138 Loadout Silo T-1141 Discharge via Conveyor C-1141~~

~~**AK. System 35 - Product Lime Kiln #3 - Control Device #1 (D-331)**~~
~~S2.144 Bucket Elevator E-331 Transfer to Gate G-331.1~~
~~S2.145 Gate G-331.1 Transfer to Gate G-331 or Silo T-40~~
~~S2.146 Gate G-331 Transfer to Core Bin N-332 or Conveyor C-333~~
~~S2.147 Conveyor C-333 Transfer to Kiln #3 Run Silo T-331~~
~~S2.148 Core Bin N-332 Discharge to Truck~~
~~S2.149 Bucket Elevator E-332 Transfer to Gate G-332.1~~
~~S2.149.1 Gate G-332.1 Transfer to Conveyor C-334 or Bin N-332~~
~~S2.150 Conveyor C-334 Transfer to #3 Kiln Run Silo T-331~~

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Emission Unit List (continued):

~~**AL. System 36 - Product Lime Kiln #3 Control Device #2 (D-333)**~~

~~S2.139~~	~~Kiln #3 Lime Cooler N-322 Transfer to Gate G-326~~
~~S2.140~~	~~Gate G-326 Transfer to Conveyor C-331~~
~~S2.141~~	~~Gate G-326 Transfer to Conveyor C-332~~
~~S2.142~~	~~Conveyor C-331 Transfer to Bucket Elevator E-331~~
~~S2.143~~	~~Conveyor C-332 Transfer to Bucket Elevator E-332~~
~~S2.151~~	~~Gate G-353 Transfer to Conveyor C-332~~
~~S2.152~~	~~Gate G-354 Transfer to Conveyor C-332~~
~~S2.154~~	~~Kiln #3 Run Silo T-331 Transfer via Feeder F-336 to Conveyor C-336~~
~~S2.155~~	~~Kiln #3 Run Silo T-331 Transfer via Feeder F-337 to Conveyor C-337~~
~~S2.156~~	~~Conveyor C-336 Transfer to Bucket Elevator E-336~~
~~S2.157~~	~~Conveyor C-337 Transfer to Bucket Elevator E-337~~
~~S2.158~~	~~Bucket Elevator E-336 Transfer to Gate G-336~~
~~S2.159~~	~~Screen S-336 and Associated Transfers (IN from Gate G-336; OUT to Crusher R-351 (S2.161), Gate G-351 (S2.162), and Gate G-353 (S2.165))~~
~~S2.160~~	~~Gate G-336 Transfer to Conveyor C-341~~
~~S2.163~~	~~Crusher R-351 and Associated Transfers (IN from Gate G-351 and Screen S-336 (S2.161); OUT to Screw Conveyor C-351 (S2.167))~~
~~S2.164~~	~~Gate G-351 transfer to Conveyor C-342~~
~~S2.166~~	~~Gate G-353 Transfer to Conveyor C-341~~
~~S2.168~~	~~Conveyor C-351 Transfer to Bucket Elevator E-336~~
~~S2.169~~	~~Bucket Elevator E-337 Transfer to Gate G-337~~
~~S2.170~~	~~Screen S-337 and Associated Transfers (IN from Gate G-337; OUT to Crusher R-352 (S2.172), Gate G-352 (S2.175), and Gate G-354 (S2.178)~~
~~S2.171~~	~~Gate G-337 Transfer to Conveyor C-341~~
~~S2.173~~	~~Crusher R-352 and Associated Transfer (IN from Screen S-337 (S2.172) and Gate G-352 (S2.176); OUT to Screw Conveyor C-352)~~
~~S2.174~~	~~Conveyor C-352 Transfer to Bucket Elevator E-337~~
~~S2.177~~	~~Gate G-352 Transfer to Conveyor C-342~~
~~S2.179~~	~~Gate G-354 Transfer to Conveyor C-341~~

~~**AM. System 37 - Product Lime Kiln #3 - Control Device #3 (D-343)**~~

~~S2.182~~	~~Conveyor C-341 Transfer to Bucket Elevator E-341~~
~~S2.183~~	~~Conveyor C-342 Transfer to Bucket Elevator E-342~~
~~S2.184~~	~~Bucket Elevator E-341 Transfer to Lime Silo T-343~~
~~S2.185~~	~~Bucket Elevator E-342 Transfer to Lime Silo T-342~~

~~**AN. System 38 - Product Lime Kiln #3 - Control Device #4 (D-361)**~~

~~S2.187~~	~~Lime Silo T-343 Loadout to Truck (via Spout U-362 or Transfer to Conveyor C-364)~~
~~S2.188~~	~~Lime Silo T-342 Loadout to Truck (via Spout U-363 or Transfer to Conveyor C-365)~~
~~S2.188.1~~	~~Conveyor C-364 and Conveyor C-365 Transfer to Truck via Spout U-364~~

~~**AO. System 40 - Gasoline Storage Tank (5,700 gallons)**~~

~~S2.189~~	~~Gasoline Storage Tank (5,700 gallon capacity)~~

~~**AP. System 41 - Kiln #1 Auxiliary Drive Motor**~~

~~S2.190~~	~~Kiln #1 Auxiliary Drive Motor (76.5 hp, Deutz, model F3L912, manufactured pre 1988)~~

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Emission Unit List (continued):

~~**AQ. System 42 - Kiln #2 Auxiliary Drive Motor**~~
~~S2.191 Kiln #2 Auxiliary Drive Motor (123 hp, Perkins, Model LD33469, manufactured pre 1994)~~

~~**AR. System 43 - Kiln #3 Auxiliary Drive Motor**~~
~~S2.192 Kiln #3 Auxiliary Drive Motor (131 hp, Deutz, model F5L912, manufactured pre 1996)~~

~~**AS. System 44 - Emergency Fire Pump**~~
~~S2.193 Emergency Fire Pump (160 hp, Caterpillar, model CAT 3208, Pre 1989)~~

~~**AT. System 45 - Toana Truck Unloading**~~
~~PF1.043 Truck Unloading to Below-grade Hopper~~

~~**AU. System 46 - Toana Railcar Loading**~~
~~S2.194 Hopper Discharge to Conveyor~~
~~S2.195 Conveyor Discharge to Railcar via Loadout Spout~~

~~**AV. System 47 - Fine Dust Surge Bin N-80 Transfer to Truck**~~
~~PF1.044 Fine Dust Surge Bin N-80 transfer to Truck~~

~~**AW. System 48 - Fine Dust Surge Bin N-280 Transfer to Truck**~~
~~PF1.045 Fine Dust Surge Bin N-280 transfer to Truck~~

~~**AX. System 49 - Fine Dust Surge Bin N-381 Transfer to Truck**~~
~~PF1.046 Fine Dust Surge Bin N-381 transfer to Truck~~

~~**AY. System 50 – Truck Dump to Hoppers #1 and #2 (Added September 2023, Air Case # 11483)**~~
~~PF1.047 Truck Dump to Hoppers #1 and #2~~

~~**AZ. System 51 – Hoppers #1 and #2 Discharge (Added September 2023, Air Case # 11483)**~~
~~PF1.048 Hoppers #1 and #2 discharge to Belt Feeders #1 and #2~~
~~PF1.049 Belt Feeders #1 and #2 transfer to Reclaim Belt Conveyor~~

~~**BA. System 52 – Pozzolan Silo (Added September 2023, Air Case # 11483)**~~
~~S2.196 Pozzolan Silo Loading~~
~~PF1.050 Pozzolan Silo Discharge to Pozzolan Belt Feeder~~

~~**BB. System 53 – Pozzolan Belt Feeder (Added September 2023, Air Case # 11483)**~~
~~PF1.051 Pozzolan Belt Feeder transfer to Covered Z Belt~~

~~**BC. System 54 – Quicklime Silo (Added September 2023, Air Case # 11483)**~~
~~S2.197 Quicklime Silo Loading~~
~~PF1.052 Quicklime Silo Discharge to Quicklime Belt Feeder transfer~~

~~**BD. System 55 – Quicklime Belt Feeder (Added September 2023, Air Case # 11483)**~~
~~PF1.053 Quicklime Belt Feeder transfer to Covered Z Belt~~

~~**BE. System 56 – GRAYBOND Ball Mill Air Classifier (Added September 2023, Air Case # 11483)**~~
~~S2.198 Air Classifier and associated transfers (In: Ball Mill; Out: Ball Mill and Product Classifier Baghouse)~~

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Emission Unit List (continued):

~~**BF. System 57 – GRAYBOND Ball Mill (Added September 2023, Air Case # 11483)**~~

~~S2.199~~	~~Ball Mill and associated transfers (In: Reclaim Belt Conveyor, Covered Z Belt, and Air Classifier; Out: Air Classifier via Enclosed Screw Conveyors, Main Storage Silos #1 and #2 via Enclosed Screw Conveyors)~~

~~**BG. System 58 – GRAYBOND Product Silos (Added September 2023, Air Case # 11483)**~~

~~S2.200~~	~~Main Storage Silo #060 Loading~~
~~S2.201~~	~~Main Storage Silo #070 Loading~~
~~S2.202~~	~~Main Storage Silo #060 Discharge to Truck~~
~~S2.203~~	~~Main Storage Silo #070 Discharge to Truck~~

******End of Emission Unit List******

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Section IV. Specific Operating Conditions (continued)

K. Emission Units S2.031 through S2.033

System 10 – Kiln #1 Circuit (D-85) (Revised June 2024, Air Case # 11821)		Location UTM (Zone 11, NAD 83)	
		m North	m East
S2.031	Kiln #1 Pre-heater PH-20	4,522,666	731,377
S2.032	Kiln #1 (K-20) and Associated Coal Mill R-92		
S2.033	Kiln #1 Lime Cooler N-21		

1. Air Pollution Control Equipment (NAC 445B.3405)
   a. Emissions from **S2.031 through S2.033** shall be controlled by a **baghouse (D-85)** and **Low-NO_x Burners**.
   ~~b.~~ ~~Descriptive Stack Parameters~~
   ~~Stack Height: 100.0 feet~~
   ~~Stack Diameter: 4.958 feet~~
   ~~Stack Temperature: 350 °F~~
   ~~Exhaust Flow: 60,000 dry standard cubic feet per minute (dscfm)~~

~~2.~~ ~~Operating Parameters (NAC 445B.3405)~~
   ~~a. The **S2.032** may combust, as the primary fuel source, **coal** only, with a maximum coal sulfur content of 3.0%. The use of diesel fuel or propane is designated for startups and flame stabilization purposes during the startup and/or shut down of the **S2.032**.~~
   ~~b. The maximum allowable fuel consumption rate for **S2.032** shall not exceed **5.0 tons of coal** per clock hour.~~
   ~~c. The maximum allowable production rate for **S2.031 through S2.033**, each, shall not exceed **25.0** tons of **lime** per hour, averaged over a calendar day.~~
   ~~d. Hours~~
      ~~(1) **S2.031 through S2.033**, each, may operate a total of **24** hours per day.~~

3. Emission Limits (NAC 445B.305, NAC 445B.3405, 40 CFR Part 51.308)
   a. The Permittee, upon issuance of this operating permit, shall not discharge or cause the discharge into the atmosphere from **the exhaust stack of baghouse (D-85)** the following pollutants in excess of the following specified limits:
      ~~(1) The discharge of **PM** (particulate matter) to the atmosphere shall not exceed **10.3** pounds per hour, nor more than **45.1** tons per 12-month rolling period.~~
      ~~(2) The discharge of **PM_{10}** (particulate matter less than or equal to 10 microns in diameter) to the atmosphere shall not exceed **13.6** pounds per hour, nor more than **59.6** tons per 12-month rolling period.~~
      ~~(3) The discharge of **$PM_{2.5}$** (particulate matter less than or equal to 2.5 microns in diameter) to the atmosphere shall not exceed **13.6** pounds per hour, nor more than **59.6** tons per 12-month rolling period.~~
      ~~(4) The discharge of **SO_2** (sulfur dioxide) to the atmosphere shall not exceed **14.0** pounds per hour, nor more than **61.3** tons per 12-month rolling period.~~
      ~~(5) The discharge of **NO_x** (oxides of nitrogen) to the atmosphere shall not exceed **180.0** pounds per hour, nor more than **526.0** tons per 12-month rolling period.~~
      ~~(6) The discharge of **CO** (carbon monoxide) to the atmosphere shall not exceed **308.0** pounds per hour, nor more than **1,349.0** tons per 12-month rolling period.~~
      ~~(7) The discharge of **VOCs** (volatile organic compounds) to the atmosphere shall not exceed **4.35** pounds per hour, nor more than **19.1** tons per 12-month rolling period.~~
      ~~(8) NAC 445B.22017 – The opacity from **baghouse (D-85)** shall not equal or exceed **20** percent.~~
      ~~(9) NAC 445B.2203 – The maximum allowable discharge of **PM_{10}** to the atmosphere from **baghouse (D-85)** shall not exceed **0.33** pound per MMBtu.~~
      ~~(10) NAC 445B.22047 – The maximum allowable discharge of **sulfur** to the atmosphere from **baghouse (D-85)** shall not exceed **91.0** pounds per MMBtu.~~
      ~~(11) NAC 445B.22033 – The maximum allowable discharge of **PM_{10}** to the atmosphere from **baghouse (D-85)** shall not exceed **35.4** pounds per hour.~~

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Section IV. Specific Operating Conditions (continued)

K. Emission Units S2.031 through S2.033 (continued)

3. Emission Limits (NAC 445B.305, NAC 445B.3405, 40 CFR Part 51.308) (continued)
   b. The Permittee, within 240 days upon issuance of this operating permit, shall not discharge or cause the discharge into the atmosphere from **the exhaust stack of baghouse (D-85)** the following pollutants in excess of the following specified limits:
      (1) Nevada Regional Haze SIP Limit – The discharge of **NOx** to the atmosphere shall not exceed **101.4** pounds per hour, based on a 30-day rolling average period.

4. Monitoring, Recordkeeping, and Reporting (NAC 445B.3405)
   The Permittee, upon the issuance of this operating permit, shall maintain, in a contemporaneous log, the monitoring and recordkeeping specified in this section. All records in the log must be identified with the calendar date of the record. All specified records shall be entered into the log at the end of the shift, end of the day of operation, or the end of the final day of operation for the month, as appropriate.
   ~~a. Monitor and record the hours of operation for **S2.031 through S2.033**, each, for each calendar day.~~
   ~~b Monitor and record the consumption rate of **coal** on an hourly basis for **Kiln #1 Circuit** (in **tons**).~~
   ~~c. Monitor and record the production rate of **lime** for **Kiln #1 Circuit** for each calendar day.~~
   ~~d. Record the coal sulfur content as demonstrated and submitted by the coal supplier data for each calendar day.~~
   ~~e. Record the monthly consumption rate and the corresponding annual consumption rate for the 12-month rolling period. The monthly consumption rate shall be determined at the end of each month as the sum of hourly consumption rate for each day of the month. The annual consumption rate shall be determined at the end of each month as the sum of the monthly consumption rate for the 12-month rolling period.~~
   ~~f. Record the corresponding average hourly production rate of **lime** in tons per hour. The average hourly production rate shall be determined from the total daily production and the total daily hours of operation.~~
   ~~g. Annually, conduct and record an internal inspection of **Baghouse (D-85)**, including the bags. In the event that **Kiln #1 Circuit** operates without prolonged shutdown for an entire calendar year, and COMS data or **Kiln #1 Circuit** indicates that **Baghouse (D-85)** is operating properly, the internal baghouse inspection or dye test may be conducted during the next prolonged shutdown that will allow safe access inside **Baghouse (D-85)**.~~
   ~~h. Inspect the baghouse installed on **Kiln #1 Circuit** on a **monthly** basis in accordance with the manufacturer's operation and maintenance manual and record the results (e.g. the condition of the filter fabric), and any corrective actions taken.~~
   ~~i. Maintain records of the occurrence and duration of any startup, shutdown, or malfunction in the operation of an affected facility; any malfunction of the air pollution control equipment; or any periods during which a continuous monitoring system or monitoring device is inoperative. (40 CFR 60.7(b))~~
   ~~j. Install, calibrate, operate, and maintain a SO_2 Continuous Emissions Monitoring System (CEMS) as specified in **Section V.A.** of this operating permit.~~
   ~~k. Install, calibrate, operate, and maintain a Continuous Opacity Monitoring System (COMS) as specified in **Section VI.A.** of this operating permit.~~
   ~~l. Monitor the bag cleaning air pressure for **Baghouse D-85** every two weeks.~~
   ~~m. Record any corrective actions taken to maintain the bag cleaning air pressure for **Baghouse D-85** at or above 20 psi.~~

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Section IV. Specific Operating Conditions (continued)

K. Emission Units S2.031 through S2.033 (continued)

4. Monitoring, Recordkeeping, and Reporting (NAC 445B.3405) (continued)

The Permittee, upon the issuance of this operating permit, shall maintain, in a contemporaneous log, the monitoring and recordkeeping specified in this section. All records in the log must be identified with the calendar date of the record. All specified records shall be entered into the log at the end of the shift, end of the day of operation, or the end of the final day of operation for the month, as appropriate.

~~n. For the **Kiln #1 Circuit** startup:~~
- ~~(1) The time startup began.~~
- ~~(2) The time coal firing began.~~
- ~~(3) The time off-gases were routed through **Baghouse D-85**.~~
- ~~(4) **Baghouse D-85** inlet temperature when the kiln off-gases were routed through **Baghouse D-85**.~~
- ~~(5) Records documenting why any deviation from the best management practices plan for the **Kiln #1 Circuit** startup was necessary.~~
- ~~(6) Stack opacity as measured by the COMS.~~

~~o. The measured opacity (in percent opacity) from the COMS required in **Section VI.A.** of this operating permit. The opacity will be determined from reducing all data from the successive 10-second readings and recorded for each 6-minute average as required in NAC 445B.22017(1)(b), and as set forth in 40 CFR Part 60.13(h).~~

~~p. The emission rates of SO_2 in pounds per hour (lbs/hr) and parts per million (ppm) measured by the CEMS required in **Section V.A.** of this operating permit, for each averaging period described below:~~
- ~~(1) The SO_2 emissions in pounds per hour (lbs/hr) for each 3-hour rolling period.~~
- ~~(2) The following equation articulates the defining formula by which the pertinent data is calculated:~~

$$E_h = K * C_{hp} * Q_{hs} * \left(\frac{100 - \%H_2O}{100} \right)$$

~~where:~~

~~E_h = Hourly SO_2 mass emission rate during unit operation, lb/hr.~~

~~K = 1.660×10^{-7} for SO_2, (lb/scf)/ppm.~~

~~C_{hp} = Hourly average SO_2 concentration during unit operation, ppm (dry).~~

~~Q_{hs} = Hourly average volumetric flow rate during unit operation, scfh as measured (wet).~~

~~$\%H_2O$ = Hourly average stack moisture content during unit operation or constant moisture value, percent by volume.~~

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Section IV. Specific Operating Conditions (continued)

K. Emission Units S2.031 through S2.033 (continued)

4. Monitoring, Recordkeeping, and Reporting (NAC 445B.3405) (continued)
The Permittee, upon the issuance of this operating permit, shall maintain, in a contemporaneous log, the monitoring and recordkeeping specified in this section. All records in the log must be identified with the calendar date of the record. All specified records shall be entered into the log at the end of the shift, end of the day of operation, or the end of the final day of operation for the month, as appropriate.

q. The emission rates of NO_X in pounds per hour (lbs/hr) and parts per million (ppm) measured by the CEMS required in **Section V.B.** of this operating permit, for each averaging period described below:
(1) The NO_X emissions in pounds per hour (lbs/hr) for each 30-day rolling period.
(2) The NO_X emissions in pounds per hour (lbs/hr) for each 3-hour rolling period.
(3) The following equation articulates the defining formula by which the pertinent data is calculated:

$$E_h = K * C_{hp} * Q_{hs} * \left(\frac{100 - \%H_2O}{100} \right)$$

where:

E_h = Hourly NO_X mass emission rate during unit operation, lb/hr.

K = 1.194×10^{-7} for NO_X, (lb/scf)/ppm.

C_{hp} = Hourly average NO_X concentration during unit operation, ppm (dry).

Q_{hs} = Hourly average volumetric flow rate during unit operation, scfh as measured (wet).

$\%H_2O$ = Hourly average stack moisture content during unit operation or constant moisture value, percent by volume.

~~r. As a result of the most recent performance tests performed in **K.5.a. through j.** of this section, the permittee shall derive emission factors for each of the following:~~
~~(1) Pounds of PM per ton of lime production (lbs-PM/ton-lime production)~~
~~(2) Pounds of PM_{10} per ton of lime production (lbs-PM_{10}/ton-lime production)~~
~~(3) Pounds of $PM_{2.5}$ per ton of lime production (lbs-$PM_{2.5}$/ton-lime production)~~
~~(4) Pounds of NO_x per ton of lime production (lbs-NO_x/ton-lime production)~~
~~(5) Pounds of CO per ton of lime production (lbs-CO/ton-lime production)~~
~~(6) Pounds of VOC's per ton of lime production (lbs-VOC's/ton-lime production)~~

~~s. The annual emissions of PM, PM_{10}, $PM_{2.5}$, CO, and VOC's from the **Kiln #1 Circuit** will be calculated based on the testing contained in **K.5.** of this section and then converted to tons of emissions per year.~~

~~t. The annual emissions of SO_2 from the **Kiln #1 Circuit** will be calculated based on the data recorded by the CEMs in **Section V.A.** of this operating permit and then converted to tons of emissions per year.~~

u. The annual emissions of NO_X from the **Kiln #1 Circuit** will be calculated based on the data recorded by the CEMs in **Section V.B.** of this operating permit and then converted to tons of emissions per year.

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Section IV. Specific Operating Conditions (continued)

N. Emission Units S2.036 through S2.038

System 13 - Kiln #2 Circuit (D-285 (Revised June 2024, Air Case # 11821)		Location UTM (Zone 11, NAD 83)	
		m North	m East
S2.036	Kiln #2 Pre-heater PH-220	4,522,713	731,369
S2.037	Kiln #2 (K-220) and Associated Coal Mill R-292		
S2.038	Kiln #2 Lime Cooler N-221		

1. Air Pollution Control Equipment (NAC 445B.3405)
   a. Emissions from **S2.036 through S2.038** shall be controlled by a **baghouse (D-285)** and **Low-NO_x Burners**.
   ~~b.~~ ~~Descriptive Stack Parameters~~
   ~~Stack Height: 100.0 feet~~
   ~~Stack Diameter: 7.04 feet~~
   ~~Stack Temperature: 350 °F~~
   ~~Exhaust Flow: 70,000 dry standard cubic feet per minute (dscfm)~~

~~2.~~ ~~Operating Parameters (NAC 445B.3405)~~
   ~~a. The **S2.037** may combust, as the primary fuel source, **coal** only, with a maximum coal sulfur content of 3.0%. The use of diesel fuel or propane is designated for startups and flame stabilization purposes during the startup and/or shut down of the **S2.037**.~~
   ~~b. The maximum allowable fuel consumption rate for **S2.037** shall not exceed **7.5 tons of coal** per clock hour.~~
   ~~c. The maximum allowable throughput rate for **S2.036 through S2.038**, each, shall not exceed **33.3** tons of **lime** per hour, averaged over a calendar day.~~
   ~~d. Hours~~
      ~~(1) **S2.036 through S2.038**, each, may operate a total of **24** hours per day.~~

3. Emission Limits (NAC 445B.305, NAC 445B.3405, 40 CFR Part 51.308)
   a. The Permittee, upon issuance of this operating permit, shall not discharge or cause the discharge into the atmosphere from **the exhaust stack of baghouse (D-285)** the following pollutants in excess of the following specified limits:
      ~~(1) The discharge of **PM** (particulate matter) to the atmosphere shall not exceed **12.0** pounds per hour, nor more than **52.6** tons per 12-month rolling period.~~
      ~~(2) The discharge of **PM_{10}** (particulate matter less than or equal to 10 microns in diameter) to the atmosphere shall not exceed **15.2** pounds per hour, nor more than **66.6** tons per 12-month rolling period.~~
      ~~(3) The discharge of **$PM_{2.5}$** (particulate matter less than or equal to 2.5 microns in diameter) to the atmosphere shall not exceed **15.2** pounds per hour, nor more than **66.6** tons per 12-month rolling period.~~
      ~~(4) The discharge of **SO_2** (sulfur dioxide) to the atmosphere shall not exceed **21.0** pounds per hour, nor more than **92.0** tons per 12-month rolling period.~~
      ~~(5) The discharge of **NO_x** (oxides of nitrogen) to the atmosphere shall not exceed **240.0** pounds per hour, nor more than **701.0** tons per 12-month rolling period.~~
      ~~(6) The discharge of **CO** (carbon monoxide) to the atmosphere shall not exceed **410.0** pounds per hour, nor more than **1,796.0** tons per 12-month rolling period.~~
      ~~(7) The discharge of **VOCs** (volatile organic compounds) to the atmosphere shall not exceed **6.53** pounds per hour, nor more than **28.6** tons per 12-month rolling period.~~
      ~~(8) NAC 445B.22017 – The opacity from the **baghouse (D-285)** shall not equal or exceed **20** percent.~~
      ~~(9) NAC 445B.2203 – The maximum allowable discharge of **PM_{10}** to the atmosphere from **baghouse (D-285)** shall not exceed **0.30** pound per MMBtu.~~
      ~~(10) NAC 445B.22047 – The maximum allowable discharge of **sulfur** to the atmosphere from **baghouse (D-285)** shall not exceed **136.5** pounds per MMBtu.~~
      ~~(11) NAC 445B.22033 – The maximum allowable discharge of **PM_{10}** to the atmosphere from **baghouse (D-285)** shall not exceed **40.9** pounds per hour.~~

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Section IV. Specific Operating Conditions (continued)

N. Emission Units S2.036 through S2.038 (continued)

3. Emission Limits (NAC 445B.305, NAC 445B.3405, 40 CFR Part 51.308) (continued)
   b. The Permittee, within 240 days upon issuance of this operating permit, shall not discharge or cause the discharge into the atmosphere from **the exhaust stack of baghouse (D-285)** the following pollutants in excess of the following specified limits:
      (1) Nevada Regional Haze SIP Limit – The discharge of **NOx** to the atmosphere shall not exceed **107.4** pounds per hour, based on a 30-day rolling average period.

4. Monitoring, Recordkeeping, and Reporting (NAC 445B.3405)
   The Permittee, upon the issuance of this operating permit, shall maintain, in a contemporaneous log, the monitoring and recordkeeping specified in this section. All records in the log must be identified with the calendar date of the record. All specified records shall be entered into the log at the end of the shift, end of the day of operation, or the end of the final day of operation for the month, as appropriate.
   ~~a. Monitor and record the hours of operation for **S2.036 through S2.038**, each, for each calendar day.~~
   ~~b Monitor and record the consumption rate of **coal** on an hourly basis for **Kiln #2 Circuit** (in **tons**).~~
   ~~c. Monitor and record the production rate of **lime** for **Kiln #2 Circuit** for each calendar day.~~
   ~~d. Record the coal sulfur content as demonstrated and submitted by the coal supplier data for each calendar day.~~
   ~~e. Record the monthly consumption rate and the corresponding annual consumption rate for the 12-month rolling period. The monthly consumption rate shall be determined at the end of each month as the sum of hourly consumption rate for each day of the month. The annual consumption rate shall be determined at the end of each month as the sum of the monthly consumption rate for the 12-month rolling period.~~
   ~~f. Record the corresponding average hourly production rate of **lime** in tons per hour. The average hourly production rate shall be determined from the total daily production and the total daily hours of operation.~~
   ~~g. Annually, conduct and record an internal inspection of **Baghouse (D-285)**, including the bags. In the event that **Kiln #2 Circuit** operates without prolonged shutdown for an entire calendar year, and COMS data or **Kiln #2 Circuit** indicates that **Baghouse (D-285)** is operating properly, the internal baghouse inspection or dye test may be conducted during the next prolonged shutdown that will allow safe access inside **Baghouse (D-285)**.~~
   ~~h. Inspect the baghouse installed on **Kiln #2 Circuit** on a **monthly** basis in accordance with the manufacturer's operation and maintenance manual and record the results (e.g. the condition of the filter fabric), and any corrective actions taken.~~
   ~~i. Maintain records of the occurrence and duration of any startup, shutdown, or malfunction in the operation of an affected facility; any malfunction of the air pollution control equipment; or any periods during which a continuous monitoring system or monitoring device is inoperative. (40 CFR 60.7(b))~~
   ~~j. Install, calibrate, operate, and maintain a SO_2 Continuous Emissions Monitoring System (CEMS) as specified in **Section V.A.** of this operating permit.~~
   ~~k. Install, calibrate, operate, and maintain a Continuous Opacity Monitoring System (COMS) as specified in **Section VI.A.** of this operating permit.~~
   ~~l. Monitor the bag cleaning air pressure for **Baghouse D-285** every two weeks.~~
   ~~m. Record any corrective actions taken to maintain the bag cleaning air pressure for **Baghouse D-285** at or above 20 psi.~~

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Section IV. Specific Operating Conditions (continued)

N. Emission Units S2.036 through S2.038 (continued)

4. Monitoring, Recordkeeping, and Reporting (NAC 445B.3405) (continued)

The Permittee, upon the issuance of this operating permit, shall maintain, in a contemporaneous log, the monitoring and recordkeeping specified in this section. All records in the log must be identified with the calendar date of the record. All specified records shall be entered into the log at the end of the shift, end of the day of operation, or the end of the final day of operation for the month, as appropriate.

~~n. For the **Kiln #2 Circuit** startup:~~
- ~~(1) The time startup began.~~
- ~~(2) The time coal firing began.~~
- ~~(3) The time off-gases were routed through **Baghouse D-285**.~~
- ~~(4) **Baghouse D-285** inlet temperature when the kiln off-gases were routed through **Baghouse D-285**.~~
- ~~(5) Records documenting why any deviation from the best management practices plan for the **Kiln #2 Circuit** startup was necessary.~~
- ~~(6) Stack opacity as measured by the COMS.~~

~~o. The measured opacity (in percent opacity) from the COMS required in **Section VI.A.** of this operating permit. The opacity will be determined from reducing all data from the successive 10-second readings and recorded for each 6-minute average as required in NAC 445B.22017(1)(b), and as set forth in 40 CFR Part 60.13(h).~~

~~p. The emission rates of SO_2 in pounds per hour (lbs/hr) and parts per million (ppm) measured by the CEMS required in **Section V.A.** of this operating permit, for each averaging period described below:~~
- ~~(1) The SO_2 emissions in pounds per hour (lbs/hr) for each 3-hour rolling period.~~
- ~~(2) The following equation articulates the defining formula by which the pertinent data is calculated:~~

$$E_h = K * C_{hp} * Q_{hs} * \left(\frac{100 - \%H_2O}{100} \right)$$

~~where:~~

~~E_h = Hourly SO_2 mass emission rate during unit operation, lb/hr.~~

~~$K = 1.660 \times 10^{-7}$ for SO_2, (lb/scf)/ppm.~~

~~C_{hp} = Hourly average SO_2 concentration during unit operation, ppm (dry).~~

~~Q_{hs} = Hourly average volumetric flow rate during unit operation, scfh as measured (wet).~~

~~$\%H_2O$ = Hourly average stack moisture content during unit operation or constant moisture value, percent by volume.~~

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Section IV. Specific Operating Conditions (continued)

N. Emission Units S2.036 through S2.038 (continued)

4. Monitoring, Recordkeeping, and Reporting (NAC 445B.3405) (continued)
The Permittee, upon the issuance of this operating permit, shall maintain, in a contemporaneous log, the monitoring and recordkeeping specified in this section. All records in the log must be identified with the calendar date of the record. All specified records shall be entered into the log at the end of the shift, end of the day of operation, or the end of the final day of operation for the month, as appropriate.

q. The emission rates of NO_X in pounds per hour (lbs/hr) and parts per million (ppm) measured by the CEMS required in **Section V.B.** of this operating permit, for each averaging period described below:
(1) The NO_X emissions in pounds per hour (lbs/hr) for each 30-day rolling period.
(2) The NO_X emissions in pounds per hour (lbs/hr) for each 3-hour rolling period.
(3) The following equation articulates the defining formula by which the pertinent data is calculated:

$$E_h = K * C_{hp} * Q_{hs} * \left(\frac{100 - \%H_2O}{100} \right)$$

where:

E_h = Hourly NO_X mass emission rate during unit operation, lb/hr.

$K = 1.194 \times 10^{-7}$ for NO_X, (lb/scf)/ppm.

C_{hp} = Hourly average NO_X concentration during unit operation, ppm (dry).

Q_{hs} = Hourly average volumetric flow rate during unit operation, scfh as measured (wet).

$\%H_2O$ = Hourly average stack moisture content during unit operation or constant moisture value, percent by volume.

~~r. As a result of the most recent performance tests performed in **N.5.a. through j.** of this section, the permittee shall derive emission factors for each of the following:~~
~~(1) Pounds of PM per ton of lime production (lbs-PM/ton-lime production)~~
~~(2) Pounds of PM_{10} per ton of lime production (lbs-PM_{10}/ton-lime production)~~
~~(3) Pounds of $PM_{2.5}$ per ton of lime production (lbs-$PM_{2.5}$/ton-lime production)~~
~~(4) Pounds of NO_x per ton of lime production (lbs-NO_x/ton-lime production)~~
~~(5) Pounds of CO per ton of lime production (lbs-CO/ton-lime production)~~
~~(6) Pounds of VOC's per ton of lime production (lbs-VOC's/ton-lime production)~~

~~s. The annual emissions of PM, PM_{10}, $PM_{2.5}$, CO, and VOC's from the **Kiln #2 Circuit** will be calculated based on the testing contained in **N.5.** of this section and then converted to tons of emissions per year.~~

~~t. The annual emissions of SO_2 from the **Kiln #2 Circuit** will be calculated based on the data recorded in **Section V.A.** of this operating permit and then converted to tons of emissions per year.~~

u. The annual emissions of NO_X from the **Kiln #2 Circuit** will be calculated based on the data recorded in **Section V.B.** of this operating permit and then converted to tons of emissions per year.

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Section IV. Specific Operating Conditions (continued)

S. Emission Units S2.042 through S2.044

System 17 - Kiln #3 Circuit (D-385) (Revised June 2024, Air Case # 11821)		Location UTM (Zone 11, NAD 83)	
		m North	m East
S2.042	Kiln #3 Pre-heater PH-321	4,522,532	731,431
S2.043	Kiln #3 (K-321) and Associated Coal Mill R-392		
S2.044	Kiln #3 Lime Cooler N-332		

1. Air Pollution Control Equipment (NAC 445B.3405)
   a. Emissions from **S2.042 through S2.044** shall be controlled by a **baghouse (D-385)** and **Low-NO_x Burners**.
   ~~b. Descriptive Stack Parameters~~
   ~~Stack Height: 181.0 feet~~
   ~~Stack Diameter: 7.04 feet~~
   ~~Stack Temperature: 350 °F~~
   ~~Exhaust Flow: 100,000 dry standard cubic feet per minute (dscfm)~~

~~2. Operating Parameters (NAC 445B.3405)~~
   ~~a. The **S2.043** may combust, as the primary fuel source, **coal** only, with a maximum coal sulfur content of 3.0%. The use of diesel fuel or propane is designated for startups and flame stabilization purposes during the startup and/or shut down of the **S2.043**.~~
   ~~b. The maximum allowable fuel consumption rate for **S2.043** shall not exceed **12.0 tons of coal** per clock hour.~~
   ~~c. The maximum allowable throughput rate for **S2.042 through S2.044**, each, shall not exceed **50.0** tons of **lime** per hour, averaged over a calendar day.~~
   ~~d. Hours~~
      ~~(1) **S2.042 through S2.044**, each, may operate a total of **24** hours per day.~~

3. Emission Limits (NAC 445B.305, NAC 445B.3405, 40 CFR Part 51.308)
   a. The Permittee, upon issuance of this operating permit, shall not discharge or cause the discharge into the atmosphere from **the exhaust stack of baghouse (D-385)** the following pollutants in excess of the following specified limits:
      ~~(1) The discharge of **PM** (particulate matter) to the atmosphere shall not exceed **17.1** pounds per hour, nor more than **75.1** tons per 12-month rolling period.~~
      ~~(2) The discharge of **PM_{10}** (particulate matter less than or equal to 10 microns in diameter) to the atmosphere shall not exceed **23.7** pounds per hour, nor more than **103.8** tons per 12-month rolling period.~~
      ~~(3) The discharge of **$PM_{2.5}$** (particulate matter less than or equal to 2.5 microns in diameter) to the atmosphere shall not exceed **23.7** pounds per hour, nor more than **103.8** tons per 12-month rolling period.~~
      ~~(4) The discharge of **SO_2** (sulfur dioxide) to the atmosphere shall not exceed **33.0** pounds per hour, nor more than **144.5** tons per 12-month rolling period.~~
      ~~(5) The discharge of **NO_x** (oxides of nitrogen) to the atmosphere shall not exceed **300.0** pounds per hour, nor more than **876.0** tons per 12-month rolling period.~~
      ~~(6) The discharge of **CO** (carbon monoxide) to the atmosphere shall not exceed **512.5** pounds per hour, nor more than **2,245.0** tons per 12-month rolling period.~~
      ~~(7) The discharge of **VOCs** (volatile organic compounds) to the atmosphere shall not exceed **10.4** pounds per hour, nor more than **45.7** tons per 12-month rolling period.~~
      ~~(8) NAC 445B.22017 – The opacity from the **baghouse (D-385)** shall not equal or exceed **20** percent.~~
      ~~(9) NAC 445B.2203 – The maximum allowable discharge of **PM_{10}** to the atmosphere from **baghouse (D-385)** shall not exceed **0.27** pound per MMBtu.~~
      ~~(10) NAC 445B.22047 – The maximum allowable discharge of **sulfur** to the atmosphere from **baghouse (D-385)** shall not exceed **187.2** pounds per MMBtu.~~
      ~~(11) NAC 445B.22033 – The maximum allowable discharge of **PM_{10}** to the atmosphere from **baghouse (D-385)** shall not exceed **44.6** pounds per hour.~~

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Section IV. Specific Operating Conditions (continued)

S. Emission Units S2.042 through S2.044 (continued)

3. Emission Limits (NAC 445B.305, NAC 445B.3405, 40 CFR Part 51.308) (continued)
   b. The Permittee, within 240 days upon issuance of this operating permit, shall not discharge or cause the discharge into the atmosphere from **the exhaust stack of baghouse (D-385)** the following pollutants in excess of the following specified limits:
      (1) Nevada Regional Haze SIP Limit – The discharge of **NOx** to the atmosphere shall not exceed **143.7** pounds per hour, based on a 30-day rolling average period.

4. Monitoring, Recordkeeping, and Reporting (NAC 445B.3405)
   The Permittee, upon the issuance of this operating permit, shall maintain, in a contemporaneous log, the monitoring and recordkeeping specified in this section. All records in the log must be identified with the calendar date of the record. All specified records shall be entered into the log at the end of the shift, end of the day of operation, or the end of the final day of operation for the month, as appropriate.
   a. ~~Monitor and record the hours of operation for **S2.042 through S2.044**, each, for each calendar day.~~
   b ~~Monitor and record the consumption rate of **coal** on an hourly basis for **Kiln #3 Circuit** (in **tons**).~~
   c. ~~Monitor and record the production rate of **lime** for **Kiln #3 Circuit** for each calendar day.~~
   d. ~~Record the coal sulfur content as demonstrated and submitted by the coal supplier data for each calendar day.~~
   e. ~~Record the monthly consumption rate and the corresponding annual consumption rate for the 12-month rolling period. The monthly consumption rate shall be determined at the end of each month as the sum of hourly consumption rate for each day of the month. The annual consumption rate shall be determined at the end of each month as the sum of the monthly consumption rate for the 12-month rolling period.~~
   f. ~~Record the corresponding average hourly production rate of **lime** in tons per hour. The average hourly production rate shall be determined from the total daily production and the total daily hours of operation.~~
   g. ~~Annually, conduct and record an internal inspection of **Baghouse (D-385)**, including the bags. In the event that **Kiln #3 Circuit** operates without prolonged shutdown for an entire calendar year, and COMS data or **Kiln #3 Circuit** indicates that **Baghouse (D-385)** is operating properly, the internal baghouse inspection or dye test may be conducted during the next prolonged shutdown that will allow safe access inside **Baghouse (D-385)**.~~
   h. ~~Inspect the baghouse installed on **Kiln #3 Circuit** on a **monthly** basis in accordance with the manufacturer's operation and maintenance manual and record the results (e.g. the condition of the filter fabric), and any corrective actions taken.~~
   i. ~~Maintain records of the occurrence and duration of any startup, shutdown, or malfunction in the operation of an affected facility; any malfunction of the air pollution control equipment; or any periods during which a continuous monitoring system or monitoring device is inoperative. (40 CFR 60.7(b))~~
   j. ~~Install, calibrate, operate, and maintain a SO_2 Continuous Emissions Monitoring System (CEMS) as specified in **Section V.A.** of this operating permit.~~
   k. ~~Install, calibrate, operate, and maintain a Continuous Opacity Monitoring System (COMS) as specified in **Section VI.A.** of this operating permit.~~
   l. ~~Monitor the bag cleaning air pressure for **Baghouse D-385** every two weeks.~~
   m. ~~Record any corrective actions taken to maintain the bag cleaning air pressure for **Baghouse D-385** at or above 20 psi.~~

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Section IV. Specific Operating Conditions (continued)

S. Emission Units S2.042 through S2.044 (continued)

4. Monitoring, Recordkeeping, and Reporting (NAC 445B.3405) (continued)
The Permittee, upon the issuance of this operating permit, shall maintain, in a contemporaneous log, the monitoring and recordkeeping specified in this section. All records in the log must be identified with the calendar date of the record. All specified records shall be entered into the log at the end of the shift, end of the day of operation, or the end of the final day of operation for the month, as appropriate.

~~n. For the **Kiln #3 Circuit** startup:~~
~~(1) The time startup began.~~
~~(2) The time coal firing began.~~
~~(3) The time off-gases were routed through **Baghouse D-385**.~~
~~(4) **Baghouse D-385** inlet temperature when the kiln off-gases were routed through **Baghouse D-385**.~~
~~(5) Records documenting why any deviation from the best management practices plan for the **Kiln #3 Circuit** startup was necessary.~~
~~(6) Stack opacity as measured by the COMS.~~

~~o. The measured opacity (in percent opacity) from the COMS required in **Section VI.A.** of this operating permit. The opacity will be determined from reducing all data from the successive 10-second readings and recorded for each 6-minute average as required in NAC 445B.22017(1)(b), and as set forth in 40 CFR Part 60.13(h).~~

~~p. The emission rates of SO_2 in pounds per hour (lbs/hr) and parts per million (ppm) measured by the CEMS required in **Section V.A.** of this operating permit, for each averaging period described below:~~
~~(1) The SO_2 emissions in pounds per hour (lbs/hr) for each 3-hour rolling period.~~
~~(2) The following equation articulates the defining formula by which the pertinent data is calculated:~~

$$E_h = K * C_{hp} * Q_{hs} * \left(\frac{100 - \%H_2O}{100} \right)$$

~~where:~~

~~E_h = Hourly SO_2 mass emission rate during unit operation, lb/hr.~~

~~$K = 1.660 \times 10^{-7}$ for SO_2, (lb/scf)/ppm.~~

~~C_{hp} = Hourly average SO_2 concentration during unit operation, ppm (dry).~~

~~Q_{hs} = Hourly average volumetric flow rate during unit operation, scfh as measured (wet).~~

~~$\%H_2O$ = Hourly average stack moisture content during unit operation or constant moisture value, percent by volume.~~

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Section IV. Specific Operating Conditions (continued)

S. Emission Units S2.042 through S2.044 (continued)

4. Monitoring, Recordkeeping, and Reporting (NAC 445B.3405) (continued)
The Permittee, upon the issuance of this operating permit, shall maintain, in a contemporaneous log, the monitoring and recordkeeping specified in this section. All records in the log must be identified with the calendar date of the record. All specified records shall be entered into the log at the end of the shift, end of the day of operation, or the end of the final day of operation for the month, as appropriate.

q. The emission rates of NO_X in pounds per hour (lbs/hr) and parts per million (ppm) measured by the CEMS required in **Section V.B.** of this operating permit, for each averaging period described below:
(1) The NO_X emissions in pounds per hour (lbs/hr) for each 30-day rolling period.
(2) The NO_X emissions in pounds per hour (lbs/hr) for each 3-hour rolling period.
(3) The following equation articulates the defining formula by which the pertinent data is calculated:

$$E_h = K * C_{hp} * Q_{hs} * \left(\frac{100 - \%H_2O}{100} \right)$$

where:

E_h = Hourly NO_X mass emission rate during unit operation, lb/hr.

$K = 1.194 \times 10^{-7}$ for NO_X, (lb/scf)/ppm.

C_{hp} = Hourly average NO_X concentration during unit operation, ppm (dry).

Q_{hs} = Hourly average volumetric flow rate during unit operation, scfh as measured (wet).

$\%H_2O$ = Hourly average stack moisture content during unit operation or constant moisture value, percent by volume.

~~r. As a result of the most recent performance tests performed in **S.5.a. through j.** of this section, the permittee shall derive emission factors for each of the following:~~
~~(1) Pounds of PM per ton of lime production (lbs-PM/ton-lime production)~~
~~(2) Pounds of PM_{10} per ton of lime production (lbs-PM_{10}/ton-lime production)~~
~~(3) Pounds of $PM_{2.5}$ per ton of lime production (lbs-$PM_{2.5}$/ton-lime production)~~
~~(4) Pounds of NO_x per ton of lime production (lbs-NO_x/ton-lime production)~~
~~(5) Pounds of CO per ton of lime production (lbs-CO/ton-lime production)~~
~~(6) Pounds of VOC's per ton of lime production (lbs-VOC's/ton-lime production)~~

~~s. The annual emissions of PM, PM_{10}, $PM_{2.5}$, CO, and VOC's from the **Kiln #3 Circuit** will be calculated based on the testing contained in **S.5.** of this section and then converted to tons of emissions per year.~~

~~t. The annual emissions of SO_2 from the **Kiln #3 Circuit** will be calculated based on the data recorded in **Section V.A.** of this operating permit and then converted to tons of emissions per year.~~

u. The annual emissions of NO_X from the **Kiln #3 Circuit** will be calculated based on the data recorded in **Section V.B.** of this operating permit and then converted to tons of emissions per year.

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Section V. Continuous Emissions Monitoring System (CEMS) Conditions (continued)

~~**A. SO_2 CEMS Requirements for System 10 (S2.031, S2.032, and S2.033), System 13 (S2.036, S2.037, and S2.038), and System 17 (S2.042, S2.043, and S2.044)** (NAC 445B.3405) (continued)~~

~~8. Unless specified otherwise in the applicable subpart, the Permittee shall comply with the relative accuracy criteria:~~
~~a. For RATA (40 CFR Part 60 Appendix F Procedure 1 Section 5.2.3(1)):~~
~~(1) For **SO_2** emissions, RA shall be less than or equal to 20% (if the value determined by the Reference Method (RM) is greater than 50% of the emission limit) or RA shall be less than or equal to 10% (if the value determined by the RM is less than 50% of the emission limit). (40 CFR Part 60 Appendix B PS-2 Section 13.2)~~
~~b. For CGA ±15 percent of the average audit value for ±5 ppm, whichever is greater. (40 CFR Part 60 Appendix F Procedure 1 Section 5.2.3(2))~~

~~9. The Permittee shall conduct and report to the Director a quarterly audit as specified under 40 CFR Part 60 Appendix F Procedure 1 Section 7.0. (40 CFR Part 60 Appendix F Procedure 1 Section 7.0)~~

B. NO_X (CEMS) Requirements for System 10 (S2.031, S2.032, and S2.033), System 13 (S2.036, S2.037, and S2.038), and System 17 (S2.042, S2.043, and S2.044) (NAC 445B.3405)

1. Within 240 days upon issuance of this operating permit, the Permittee shall install, calibrate, operate, and maintain a **NO_X** CEMS in the exhaust stacks of **System 10 (S2.031, S2.032, and S2.033)**, **System 13 (S2.036, S2.037, and S2.038)**, and **System 17 (S2.042, S2.043, and S2.044)**, each. The CEMS sampling probe must be installed at an appropriate location in the exhaust stacks to accurately and continuously measure the concentration of **NO_X** (in ppm) from **System 10 (S2.031, S2.032, and S2.033)**, **System 13 (S2.036, S2.037, and S2.038)**, and **System 17 (S2.042, S2.043, and S2.044)**, in accordance with the requirements prescribed in Nevada Administrative Code (NAC) 445B.252 to NAC 445B.267, applicable subparts 40 CFR Part 60 Appendix B and Appendix F. Verification of the operational status shall, as a minimum, include completion of the manufacturer's written requirements or recommendations for installation, operation, and calibration of the devices.

2. The Permittee shall comply with the following method performance specifications (40 CFR Part 60 Appendix B PS-2 Section 13.0):
   a. Calibration Drift
   b. Relative Accuracy

3. The Permittee shall develop and implement a Quality Control (QC) program. As a minimum, each QC program must include written procedures which should describe in detail, complete, step-by-step procedures and operations for each of the following activities (40 CFR Part 60 Appendix F Procedure 1 Section 3.0):
   a. Calibration of CEMS
   b. Calibration maintenance of CEMS (including spare parts inventory)
   c. Preventative maintenance of CEMS (including spare parts inventory)
   d. Data recording, calculations, and reporting
   e. Accuracy audit procedures including sampling and analysis methods
   f. Program of corrective action for malfunctioning CEMS

4. The written procedures under **V.A.3.** of this section, must be kept on record and available for inspection by the Director. (40 CFR Part 60 Appendix F Procedure 1 Section 3.0)

5. The Permittee shall conduct a Calibration Drift Assessment according to 40 CFR Part 60 Appendix F Procedure 1 Sections 4.1 and 4.2. (40 CFR Part 60 Appendix F Procedure 1 Sections 4.1 and 4.2).

6. The Permittee shall record and report all CEMS data according to 40 CFR Part 60 Appendix F Procedure 1 Section 4.4. All measurements from the CEMS must be retained on file by the Permittee for at least 2 years. (40 CFR Part 60 Appendix F Procedure 1 Section 4.4)

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Section V. Continuous Emissions Monitoring System (CEMS) Conditions (continued)

B. NO_X (CEMS) Requirements for System 10 (S2.031, S2.032, and S2.033), System 13 (S2.036, S2.037, and S2.038), and System 17 (S2.042, S2.043, and S2.044) (NAC 445B.3405) (continued)

7. Each CEMS must be audited at least once each calendar quarter. Successive quarterly audits shall occur no closer than 2 months. The audits shall be conducted as follows (40 CFR Part 60 Appendix F Procedure 1 Section 5.1):
   a. The Relative Accuracy Test (RATA) shall be conducted once every four calendar quarters. (40 CFR Part 60 Appendix F Procedure 1 Section 5.1.1)
   b. The Cylinder Gas Audit (CGA) shall be conducted every quarter except when a RATA is conducted. (40 CFR Part 60 Appendix F Procedure 1 Section 5.1.2)

8. Unless specified otherwise in the applicable subpart, the Permittee shall comply with the relative accuracy criteria:
   a. For RATA (40 CFR Part 60 Appendix F Procedure 1 Section 5.2.3(1)):
      (1) For **NO_X** emissions, RA shall be less than or equal to 20% (if the value determined by the Reference Method (RM) is greater than 50% of the emission limit) or RA shall be less than or equal to 10% (if the value determined by the RM is less than 50% of the emission limit). (40 CFR Part 60 Appendix B PS-2 Section 13.2)
   b. For CGA ±15 percent of the average audit value for ±5 ppm, whichever is greater. (40 CFR Part 60 Appendix F Procedure 1 Section 5.2.3(2))

9. The Permittee shall conduct and report to the Director a quarterly audit as specified under 40 CFR Part 60 Appendix F Procedure 1 Section 7.0. (40 CFR Part 60 Appendix F Procedure 1 Section 7.0)

C. NAC 445B.265

Monitoring systems: Records; Reports

1. The Permittee subject to the provisions of NAC 445B.256 to 445B.267, inclusive, shall maintain records of the occurrence and duration of any start-up, shutdown or malfunction in the operation of an affected facility and any malfunction of the air pollution control equipment or any periods during which a continuous monitoring system or monitoring device is inoperative.
2. The Permittee required to install a continuous monitoring system shall submit a written report of excess emissions to the director for every calendar quarter. All quarterly reports must be postmarked by the 30th day following the end of each calendar quarter and must include the following information:
   a. The magnitude of excess emissions computed in accordance with NAC 445B.256 to 445B.267, inclusive, any conversion factors used, and the date and time of commencement and completion of each time period of excess emissions.
   b. Specific identification of each period of excess emissions that occurs during start-ups, shutdowns and malfunctions of the affected facility.
   c. The nature and cause of any malfunction, if known, the corrective action taken or preventative measures adopted.
   d. Specific identification of each period during which the continuous monitoring system was inoperative, except for zero and span checks, and the nature of any repairs or adjustments that were made.
      (1) When no excess emissions have occurred and the continuous monitoring system has not been inoperative, repaired or adjusted, such information shall be included in the report.

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Section V. Continuous Emissions Monitoring System (CEMS) Conditions (continued)

C. NAC 445B.265 (continued)

Monitoring systems: Records; Reports (continued)

3. The Permittee subject to the provisions of NAC 445B.256 to 445B.267, inclusive, shall maintain a file of all measurements, including:
   a. Continuous monitoring systems, monitoring devices and performance testing measurements;
   b. All continuous monitoring system performance evaluations;
   c. All continuous monitoring systems or monitoring device calibration checks;
   d. Adjustments and maintenance performed on these systems or devices; and
   e. All other information required by NAC 445B.256 to 445B.267, inclusive, recorded in a permanent form suitable for inspection.
      (1) The file shall be retained for at least 2 years following the date of the measurements, maintenance, reports and records.

******End of Continuous Emissions Monitoring System (CEMS) Conditions******