#### Permit Number 7369 and PSDTX120M3

This table lists the maximum allowable emission rates and all sources of air contaminants on the applicant's property covered by this permit. The emission rates shown are those derived from information submitted as part of the application for permit and are the maximum rates allowed for these facilities, sources, and related activities. Any proposed increase in emission rates may require an application for a modification of the facilities covered by this permit.

#### AIR CONTAMINANTS DATA

| Emission Point No. | Source Name (2)                       | Air Contaminant Name (3) Emission Rates |          | Rates   |
|--------------------|---------------------------------------|---|----------|---------|
| (1)                |                                       |   | lbs/hour | TPY (4) |
| KS-1a              | Dry Kiln Exhaust<br>Baghouse Duct (5) | PM (filterable)                         | 14.44    | 63.25   |
|                    | Bugnouse Buet (5)                     | PM <sub>10</sub> (filterable)           | 12.13    | 53.12   |
|                    |                                       | PM <sub>2.5</sub> (filterable)          | 6.5      | 28.46   |
|                    |                                       | PM (total)                              | 27.64    | 116.24  |
|                    |                                       | PM <sub>10</sub> (total)                | 25.33    | 106.12  |
|                    |                                       | PM <sub>2.5</sub> (total)               | 19.7     | 81.46   |
|                    |                                       | NO <sub>x</sub> (7)(8)                  | 280      | 1124.2  |
|                    |                                       | SO <sub>2</sub> (7)                     | (9)      | (9)     |
|                    |                                       | H <sub>2</sub> SO <sub>4</sub>          | (9)      | (9)     |
|                    |                                       | со                                      | 522.5    | 2288.55 |
|                    |                                       | voc                                     | 97.55    | 320.44  |
|                    |                                       | HCI                                     | 2.74     | 12      |
|                    |                                       | NH₃                                     | 6.34     | 3.7     |
| 4                  | Coal Bins Baghouse<br>Stack           | РМ                                      | 0.17     | 0.75    |
|                    | Stack                                 | PM <sub>10</sub>                        | 0.17     | 0.75    |
| 7                  | Blend Silo Roof<br>Baghouse Stack     | РМ                                      | 0.69     | 3       |
|                    | Zagrioudo Otudio                      | PM <sub>10</sub>                        | 0.69     | 3       |
| 7a                 | Dry Kiln Preheat<br>Tower Baghouse    | РМ                                      | 0.35     | 1.52    |
|                    | . ower bagnouse                       | PM <sub>10</sub>                        | 0.35     | 1.52    |
| 8                  | Dry Process Blend<br>Tank Bottom      | РМ                                      | 0.25     | 1.1     |

Baghouse Stack

|    |  | PM <sub>10</sub>               | 0.25  | 1.1   |
|----|--|--------------------------------|-------|-------|
|    |  | PM <sub>2.5</sub>              | 0.04  | 0.17  |
| 9a | Alkali Bypass<br>Baghouse Stack (5)    | PM (filterable)                | 3.06  | 13.41 |
|    | baynouse Stack (3)                     | PM <sub>10</sub> (filterable)  | 2.57  | 11.27 |
|    |  | PM <sub>2.5</sub> (filterable) | 1.38  | 6.03  |
|    |  | PM (total)                     | 5.86  | 24.65 |
|    |  | PM <sub>10</sub> (total)       | 5.37  | 22.51 |
|    |  | PM <sub>2.5</sub> (total)      | 4.18  | 17.28 |
|    |  | NO <sub>x</sub> (7)            | 150   | 219   |
|    |  | SO <sub>2</sub> (7)            | (9)   | (9)   |
|    |  | H <sub>2</sub> SO <sub>4</sub> | (9)   | (9)   |
|    |  | СО                             | 100   | 438   |
|    |  | voc                            | 2.87  | 9.44  |
| 9b | Alkali Bypass Bin<br>Baghouse Stack    | РМ                             | 0.21  | 0.9   |
|    | Bagnouse Stack                         | PM <sub>10</sub>               | 0.21  | 0.9   |
| 10 | Coke Silo Dust<br>Collector            | PM                             | 0.17  | 0.75  |
|    | Concotor                               | PM <sub>10</sub>               | 0.17  | 0.75  |
| 11 | Dry System Clinker<br>Cooler Baghouse  | РМ                             | 12.25 | 53.66 |
|    | Stack                                  | PM <sub>10</sub>               | 12.25 | 53.66 |
| 14 | Underground Clinker<br>Tunnel Baghouse | РМ                             | 0.28  | 1.22  |
|    | Stack                                  | PM <sub>10</sub>               | 0.28  | 1.22  |
| 15 | Lime Injection Silo<br>Baghouse        | РМ                             | 0.09  | 0.38  |
|    | Zagnodo                                | PM <sub>10</sub>               | 0.09  | 0.38  |
| 17 | Finish Mill 1 and 2<br>Separator       | РМ                             | 0.64  | 2.82  |
|    | Sopulator                              | PM <sub>10</sub>               | 0.32  | 1.41  |

| 18A | Silo 400 Baghouse<br>Stack     | PM                | 0.26 | 1.13  |
|-----|--------------------------------|-------------------|------|-------|
|     | Stack                          | PM <sub>10</sub>  | 0.13 | 0.56  |
| 19  | Finish Mill 1 Fringe<br>Bin    | PM                | 0.13 | 0.56  |
|     | DIII                           | PM <sub>10</sub>  | 0.06 | 0.28  |
| 19A | Finish Mill 1<br>Separator     | PM                | 0.6  | 2.63  |
|     | Separator                      | PM <sub>10</sub>  | 0.3  | 1.31  |
| 20  | Finish Mill 5<br>Separators    | PM                | 0.92 | 4.04  |
|     | Sopulations                    | PM <sub>10</sub>  | 0.46 | 2.02  |
| 21  | Finish Mill 5                  | PM                | 4.29 | 18.77 |
|     |                                | PM <sub>10</sub>  | 2.14 | 9.39  |
| 22  | Cement Storage<br>Silos        | PM                | 0.6  | 2.63  |
|     | Silve                          | PM <sub>10</sub>  | 0.3  | 1.31  |
| 23A | Cement Storage<br>Silos        | PM                | 0.39 | 1.73  |
|     | Silve                          | PM <sub>10</sub>  | 0.2  | 0.86  |
| 23B | Cement Storage<br>Silos        | PM                | 0.12 | 0.52  |
|     | Silve                          | PM <sub>10</sub>  | 0.06 | 0.26  |
| 25  | Cement Silo No. 12<br>Baghouse | PM                | 0.69 | 3     |
|     | Dagnotes                       | PM <sub>10</sub>  | 0.69 | 3     |
|     |                                | PM <sub>2.5</sub> | 0.1  | 0.45  |
| 26A | Cement Silo No. 14<br>Baghouse | PM                | 0.18 | 0.77  |
|     | Bagnouse                       | PM <sub>10</sub>  | 0.18 | 0.77  |
|     |                                | PM <sub>2.5</sub> | 0.03 | 0.12  |
| 26B | Cement Silo No. 14<br>Baghouse | PM                | 0.18 | 0.77  |
|     | Dagnouse                       | PM <sub>10</sub>  | 0.18 | 0.77  |
|     |                                | PM <sub>2.5</sub> | 0.03 | 0.12  |

| 28A | Cement Bulk<br>Loadout                  | PM                | 0.3  | 1.31  |
|-----|---|-------------------|------|-------|
|     | Loadout                                 | PM <sub>10</sub>  | 0.15 | 0.66  |
| 28B | Cement Bulk<br>Loadout                  | PM                | 0.3  | 1.31  |
|     | Loadout                                 | PM <sub>10</sub>  | 0.15 | 0.66  |
| 29  | Cement Bagging<br>Bins                  | PM                | 0.39 | 0.49  |
|     |   | PM <sub>10</sub>  | 0.2  | 0.25  |
| 30  | Cement Bagging<br>Bins                  | PM                | 0.39 | 0.49  |
|     |   | PM <sub>10</sub>  | 0.2  | 0.25  |
| 31  | Solid Fuel Mill and<br>Heater Dust      | PM                | 2.63 | 11.51 |
|     | Collectors                              | PM <sub>10</sub>  | 2.63 | 11.51 |
|     |   | SO <sub>2</sub>   | 0.17 | 0.76  |
|     |   | NO <sub>x</sub>   | 1.21 | 5.32  |
|     |   | со                | 1.02 | 4.47  |
|     |   | VOC               | 0.07 | 0.29  |
| 32  | Fuel Bin Baghouse<br>Stack              | PM                | 1.18 | 5.18  |
|     | Otton                                   | PM <sub>10</sub>  | 1.18 | 5.18  |
| 35  | Diesel Fuel Tank                        | VOC               | 0.01 | 0.12  |
| 36  | Gasoline Fuel Tank                      | VOC               | 0.18 | 1.67  |
| 37  | No. 5 Fringe Bin                        | PM                | 0.26 | 1.13  |
|     |   | PM <sub>10</sub>  | 0.26 | 1.13  |
|     |   | PM <sub>2.5</sub> | 0.04 | 0.17  |
| 38  | Fringe Material<br>Baghouse Stack       | PM                | 0.13 | 0.56  |
|     | Dagnouse stack                          | PM <sub>10</sub>  | 0.13 | 0.56  |
| 39  | Turn Head Material<br>Diverter Baghouse | PM                | 0.26 | 1.13  |
|     | Stack                                   | PM <sub>10</sub>  | 0.26 | 1.13  |

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| 63    | Fluidized Conveyor<br>Dust Collector    | РМ                | 0.03  | 0.14 |
|-------|---|-------------------|-------|------|
|       | Dust Collector                          | PM <sub>10</sub>  | 0.03  | 0.14 |
|       |   | PM <sub>2.5</sub> | 0.01  | 0.02 |
| 321   | CKD Return<br>Baghouse                  | РМ                | 0.04  | 0.19 |
|       | Dagnouse                                | PM <sub>10</sub>  | 0.04  | 0.19 |
| 361   | Clinker Conveyor<br>Belt                | PM                | 0.38  | 1.65 |
|       | Ben                                     | PM <sub>10</sub>  | 0.38  | 1.65 |
|       |   | PM <sub>2.5</sub> | 0.02  | 0.1  |
| 411   | Bagging Machine<br>Feed Bin Baghouse    | PM                | 0.13  | 0.56 |
|       | T ced biri bagilouse                    | PM <sub>10</sub>  | 0.13  | 0.56 |
| 700   | Coal Railcar<br>Unloading               | PM                | 0.51  | 2.25 |
|       | Omodaling                               | PM <sub>10</sub>  | 0.51  | 2.25 |
|       |   | PM <sub>2.5</sub> | 0.08  | 0.34 |
| F-A-2 | Additives Trucks<br>Drop (4) (10)       | PM                | 0.56  | 1.4  |
|       | βιορ (4) (10)                           | PM <sub>10</sub>  | 0.27  | 0.66 |
| F-A-4 | Additives Loader<br>Drops (4) (10)      | PM                | 0.56  | 1.4  |
|       | Бторо (4) (10)                          | PM <sub>10</sub>  | 0.27  | 0.66 |
| F-A-5 | Additives Hopper<br>Drop (4) (10)       | РМ                | 0.56  | 1.4  |
|       | βιορ (4) (10)                           | PM <sub>10</sub>  | 0.27  | 0.66 |
| F-A-8 | Additives Drop (4) (10)                 | РМ                | 0.04  | 0.07 |
|       | (10)                                    | PM <sub>10</sub>  | 0.02  | 0.03 |
| F-B-1 | Solid Fuel Drop to<br>Bin (10)          | РМ                | 0.04  | 0.02 |
|       | Diii (±0)                               | PM <sub>10</sub>  | 0.02  | 0.01 |
| F-B-2 | Solid Fuel Bin Drop<br>to Conveyor (10) | РМ                | <0.01 | 0.02 |
|       | to conveyor (10)                        | PM <sub>10</sub>  | <0.01 | 0.01 |

| F-B-3  | Solid Fuel Conveyor                       | РМ                | <0.01 | 0.02 |
|--------|---|-------------------|-------|------|
|        | Drop to Bins (10)                         | PM <sub>10</sub>  | <0.01 | 0.01 |
| F-B-4  | Feed Tank Drop to<br>Drag Chain (10)      | РМ                | <0.01 | 0.02 |
|        |   | PM <sub>10</sub>  | <0.01 | 0.01 |
| F-C-1  | Clinker Drop to<br>Shuttle Belt (10)      | РМ                | 0.3   | 1.3  |
|        | Shake Bell (10)                           | PM <sub>10</sub>  | 0.14  | 0.61 |
| F-C-2  | Shuttle Belt Drop to<br>Clinker Barn (10) | РМ                | 0.3   | 1.3  |
|        | Ciline Barr (10)                          | PM <sub>10</sub>  | 0.14  | 0.61 |
| F-C-8  | Clinker Belt Transfer<br>(4) (10)         | РМ                | 0.15  | 0.07 |
|        | (4) (10)                                  | PM <sub>10</sub>  | 0.07  | 0.03 |
| F-C-11 | Enclosed Weigh<br>Feeder Fugitives (4)    | РМ                | 0.45  | 0.7  |
|        | (10)                                      | PM <sub>10</sub>  | 0.21  | 0.33 |
| F-C-12 | Feed Belt Drop (4) (10)                   | РМ                | 0.45  | 0.7  |
|        |   | PM <sub>10</sub>  | 0.21  | 0.33 |
| F-H-2  | Solid Fuel Drop to<br>Conveyor (10)       | РМ                | 0.04  | 0.02 |
|        | Conveyor (10)                             | PM <sub>10</sub>  | 0.02  | 0.01 |
| F-LC-1 | Solid Fuel Lump<br>Crusher (10)           | РМ                | 0.04  | 0.02 |
|        | Crusher (10)                              | PM <sub>10</sub>  | 0.02  | 0.01 |
| F-L-2  | Solid Fuel Drop to<br>Hopper (10)         | PM                | 0.04  | 0.02 |
|        | Поррег (10)                               | PM <sub>10</sub>  | 0.02  | 0.01 |
| F-P-1  | Solid Fuel Storage<br>Drop to Pile (10)   | PM                |       | 0.29 |
|        | Drop to 1 lie (10)                        | PM <sub>10</sub>  |       | 0.15 |
|        |   | PM <sub>2.5</sub> |       | 0.02 |
| F-P-2  | Wind Pile Erosion (10)                    | РМ                |       | 3.61 |
|        | (10)                                      | PM <sub>10</sub>  |       | 1.81 |

|        |  | PM <sub>2.5</sub> |       | 0.27  |
|--------|--|-------------------|-------|-------|
| F-P-3  | Material Pile (10)                     | РМ                |       | 14.45 |
|        |  | PM <sub>10</sub>  |       | 7.23  |
|        |  | PM <sub>2.5</sub> |       | 1.04  |
| F-P-6  | CKD Loader (4) (10)                    | PM                | -     | 1.24  |
|        |  | PM <sub>10</sub>  | -     | 0.32  |
| F-P-7  | Kiln Dust Drop to<br>Piles (10)        | PM                |       | 0.6   |
|        | 1 1103 (10)                            | PM <sub>10</sub>  |       | 0.3   |
|        |  | PM <sub>2.5</sub> |       | 0.05  |
| F-P-12 | CKD Dry Kiln Pug<br>Mill to Truck (10) | PM                | 0.01  | <0.01 |
|        | Will to Truck (10)                     | PM <sub>10</sub>  | 0.01  | <0.01 |
|        |  | PM <sub>2.5</sub> | <0.01 | <0.01 |
| F-PH-1 | Bagging Machine<br>Fugitives (4)       | PM                | 0.06  | 0.12  |
|        | T agilives (4)                         | PM <sub>10</sub>  | 0.03  | 0.06  |
| F-Q-1  | Quarry Drilling (10)                   | PM                | -     | 10.88 |
|        |  | PM <sub>10</sub>  | -     | 8.16  |
| F-Q-2  | Dozer Ripping<br>Fugitives (4) (10)    | PM                | -     | 1.93  |
|        | 1 agilives (4) (10)                    | PM <sub>10</sub>  | -     | 0.5   |
| F-Q-3  | Quarry Loader (4)<br>(10)              | PM                | -     | 0.94  |
|        | (10)                                   | PM <sub>10</sub>  | -     | 0.25  |
| F-Q-7  | Grader (4) (10)                        | РМ                | -     | 0.06  |
|        |  | PM <sub>10</sub>  | -     | 0.02  |
| F-Q-4  | Quarry Loader Drop<br>to Truck (10)    | РМ                | 0.14  | 0.44  |
|        | 10 Huck (10)                           | PM <sub>10</sub>  | 0.06  | 0.21  |
|        |  | PM <sub>2.5</sub> | 0.01  | 0.03  |

| F-Q-6  | Primary Crusher (10)                      | РМ                | 0.03  | 0.03  |
|--------|---|-------------------|-------|-------|
|        |   | PM <sub>10</sub>  | 0.01  | 0.01  |
|        |   | PM <sub>2.5</sub> | <0.01 | <0.01 |
| F-R-2  | Belt Transfer Drop<br>(10)                | РМ                | 0.05  | 0.04  |
|        | (10)                                      | PM <sub>10</sub>  | 0.02  | 0.02  |
|        |   | PM <sub>2.5</sub> | <0.01 | <0.01 |
| F-R-3  | Belt Drop to<br>Tabernacle Transfer       | РМ                | 0.05  | 0.04  |
|        | (10)                                      | PM <sub>10</sub>  | 0.02  | 0.02  |
|        |   | PM <sub>2.5</sub> | <0.01 | <0.01 |
| F-R-4  | Shuttle Belt Drop (4) (10)                | PM                | 0.32  | 0.11  |
|        | (10)                                      | PM <sub>10</sub>  | 0.15  | 0.05  |
| F-R-6  | Feed Belt Drop to<br>RMS Shuttle Belt     | РМ                | 0.05  | 0.04  |
|        | (10)                                      | PM <sub>10</sub>  | 0.02  | 0.02  |
|        |   | PM <sub>2.5</sub> | <0.01 | <0.01 |
| F-R-7  | RMS Shuttle Belt<br>Drop to Pile (10)     | PM                | 0.09  | 0.4   |
|        | Drop to 1 lie (10)                        | PM <sub>10</sub>  | 0.04  | 0.19  |
| F-R-8  | RMS Feeder Drop to<br>Belt (10)           | PM                | 0.15  | 0.13  |
|        | Belt (10)                                 | PM <sub>10</sub>  | 0.07  | 0.06  |
|        |   | PM <sub>2.5</sub> | 0.01  | 0.01  |
| F-R-9  | RMS Belt Drop to<br>Cross Plant Belt (10) | PM                | 0.05  | 0.04  |
|        | Cross Fiant Belt (10)                     | PM <sub>10</sub>  | 0.02  | 0.02  |
|        |   | PM <sub>2.5</sub> | <0.01 | <0.01 |
| F-R-10 | Cross Plant Belt<br>Drop to Shuttle Belt  | PM                | 0.05  | 0.04  |
|        | (10)                                      | PM <sub>10</sub>  | 0.02  | 0.02  |
|        |   | PM <sub>2.5</sub> | <0.01 | <0.01 |

| F-R-11   | Shuttle Belt Drop to<br>Dry Feed Bins (10) | РМ                | 0.3   | 0.27  |
|----------|--|-------------------|-------|-------|
|          | 5.5. 554 55 (10)                           | PM <sub>10</sub>  | 0.14  | 0.13  |
|          |  | PM <sub>2.5</sub> | 0.02  | 0.02  |
| F-R-12   | Feed Bins Drop to<br>Roller Mill Belt (10) | РМ                | 0.06  | 0.22  |
|          | Trong iviii Beit (19)                      | PM <sub>10</sub>  | 0.03  | 0.1   |
|          |  | PM <sub>2.5</sub> | <0.01 | 0.02  |
| FR 700   | Coal Railcar<br>Unloading Fugitives        | PM                | 0.05  | 0.02  |
|          | (10)                                       | PM <sub>10</sub>  | 0.02  | 0.01  |
|          |  | PM <sub>2.5</sub> | <0.01 | <0.01 |
| F-TR-2   | Solid Fuel Truck<br>Unloading Drop (10)    | PM                | 0.37  | 0.16  |
|          | Officialing Drop (10)                      | PM <sub>10</sub>  | 0.18  | 0.07  |
| D-2      | Dry Kiln Emergency<br>Diesel Engine        | NO <sub>x</sub>   | 2.26  | 0.99  |
|          |  | со                | 0.49  | 0.21  |
|          |  | voc               | 0.18  | 0.08  |
|          |  | PM <sub>10</sub>  | 0.16  | 0.07  |
|          |  | SO <sub>2</sub>   | 0.15  | 0.07  |
| D-3      | Emergency Fire<br>Pump Diesel Engine       | NO <sub>x</sub>   | 3.88  | 1.7   |
|          | Tump Dieser Engine                         | со                | 0.84  | 0.37  |
|          |  | voc               | 0.31  | 0.14  |
|          |  | PM <sub>10</sub>  | 0.28  | 0.12  |
|          |  | SO <sub>2</sub>   | 0.26  | 0.11  |
| FEL-DRY  | Front End Loader<br>(Dry Process) (10)     | PM                | <0.01 | <0.01 |
|          | (21) 1 1000337 (10)                        | PM <sub>10</sub>  | <0.01 | <0.01 |
|          |  | PM <sub>2.5</sub> | <0.01 | <0.01 |
| DROP-DRY | Conveyor Drop (Dry<br>Process) (10)        | РМ                | 0.09  | 0.01  |

|          |   | PM <sub>10</sub>  | 0.04  | <0.01 |
|----------|---|-------------------|-------|-------|
|          |   | PM <sub>2.5</sub> | <0.01 | <0.01 |
| DEG 1- 6 | Degreasers (10)                         | voc               | 10.31 | 1.34  |
| TMH 1    | Synthetic Gypsum<br>Unloading (10)      | PM                | 0.01  | 0.03  |
|          | Officiality (10)                        | PM <sub>10</sub>  | 0.01  | 0.01  |
|          |   | PM <sub>2.5</sub> | <0.01 | <0.01 |
| TMH 2    | Synthetic Gypsum<br>Hopper Loading (10) | PM                | 0.01  | 0.01  |
|          | Tiopper Loading (10)                    | PM <sub>10</sub>  | <0.01 | <0.01 |
|          |   | PM <sub>2.5</sub> | <0.01 | <0.01 |
| TMH 3    | Synthetic Gypsum<br>Transfer Drop (10)  | PM                | <0.01 | <0.01 |
|          | Transier brop (10)                      | PM <sub>10</sub>  | <0.01 | <0.01 |
|          |   | PM <sub>2.5</sub> | <0.01 | <0.01 |
| TMH 4    | Synthetic Gypsum<br>Transfer Drop (10)  | PM                | <0.01 | <0.01 |
|          |   | PM <sub>10</sub>  | <0.01 | <0.01 |
|          |   | PM <sub>2.5</sub> | <0.01 | <0.01 |
| TMH 6    | Synthetic Gypsum<br>Unloading (10)      | PM                | <0.01 | 0.01  |
|          | Officiality (10)                        | PM <sub>10</sub>  | <0.01 | 0.01  |
|          |   | PM <sub>2.5</sub> | <0.01 | <0.01 |
| TMH 7    | Synthetic Gypsum<br>Hopper Loading (10) | PM                | <0.01 | <0.01 |
|          | Tropper Localing (10)                   | PM <sub>10</sub>  | <0.01 | <0.01 |
|          |   | PM <sub>2.5</sub> | <0.01 | <0.01 |
| TMH 8    | Synthetic Gypsum<br>Transfer Drop (10)  | РМ                | <0.01 | <0.01 |
|          | Transier Plob (10)                      | PM <sub>10</sub>  | <0.01 | <0.01 |
|          |   | PM <sub>2.5</sub> | <0.01 | <0.01 |
| NH3 FUG  | Ammonia Piping<br>Fugitives (10)        | NH <sub>3</sub>   | 2.25  | 9.84  |
|          |   |                   |       |       |

| Blast-1 | Abrasive Blasting | РМ               | <0.01 | <0.01 |
|---------|-------------------|------------------|-------|-------|
|         |                   | PM <sub>10</sub> | <0.01 | <0.01 |

- (1) Emission point identification either specific equipment designation or emission point number from plot plan.
- (2) Specific point source name. For fugitive sources use area name or fugitive source name.
- (3) PM particulate matter suspended in the atmosphere, including PM<sub>10</sub> and PM<sub>2.5</sub>

PM<sub>10</sub> - particulate matter equal to or less than 10 microns in diameter.

 $\mathsf{PM}_{2.5}$  - particulate matter equal to or less than 2.5 microns in diameter.

NO<sub>x</sub> - total oxides of nitrogen

 $SO_2$  - sulfur dioxide  $H_2SO_4$  - sulfuric acid

CO - carbon monoxide

VOC - volatile organic compounds

HCl - hydrogen chloride

NH<sub>3</sub> - ammonia

- (4) Compliance with annual emission limits (tons per year) is based on a 12 month rolling period.
- (5) The PM and  $PM_{10}$  filterable rates are based on front-half of sampling train only.
- (6) EPNs 41a and 41b will not exhaust to the atmosphere simultaneously.
- (7) The hourly emission limit is based on a 30-day rolling emissions average. A 30-day rolling average is generated for each day as the average of all the day's hourly emission data and the preceding 29 days of hourly emission data (representing only those hours during kiln operation including all hours of planned maintenance, startup, and shutdown). The gaseous monitoring data shall be reduced to units of the permit allowable emission rate in lb/hr, calculated as a 30-day rolling average at least once every week. (11/10)
- (8) The facility is complying with the alternative reduction technologies allowed under Title 30 Texas Administrative Code Chapter 117.
- (9) The  $SO_2$  emissions from EPNs KS-1a and 9a combined are limited to  $\underline{1,560.00}$  pounds per hour (lb/hr) and  $\underline{1,043.42}$  tons per year (tpy). The  $H_2SO_4$  emissions from EPNs KS-1a and 9a combined are limited to  $\underline{138.00}$  lb/hr and  $\underline{81.48}$  tpy.
- (10) Emission rate is an estimate and is enforceable through compliance with the applicable special condition(s) and permit application representations.

| Date: |
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