Appendix H-1: Permit History

Tarmac America, LLC.
Pennsuco Complex

Air Permit Revision No.: 0250020-0233AV
Facility ID No.: 0250020

E.U. ID No.	Description of Affected Units	Permit No.	Effective Date	Expiration Date	Project Type Description
020	New 125 Slag TPH Dryer	0250020-001-AC	6/6/97	6/6/02	PSD-FL-236 to construct a Slag Dryer
		0250020-002-AV			Refer to 0250020-009-AV
020	125 TPH Slag Dryer	0250020-003-AC	11/20/95	7/1/96	AC Amendment to incorporate test plan
020	125 TPH Slag Dryer	0250020-004-AC	10/27/95	7/01/96	AC Modification to use slag as a cement product
005	Kiln No.2 Coal Conversion	0250020-005-AC	2/27/91	2/27/96	AC Permit Modification - PSD-FL-142
005	Kiln No.2 Coal Conversion	0250020-006-AC	11/20/95	5/31/96	AC Modification - Reevaluation of Kiln NOx limit
005	Kiln No.2	0250020-007-AC	2/12/99	2/12/04	AC Permit Modification - Kiln No. 2 modification from direct to indirect firing
-026 thru -030	New Dry Process Cement Plant System Units Kiln & Cooler No. 5 and Associated Equipment	0250020-008-AC	4/28/99	10/20/02	AC Permit to construct a 160 TPH clinker dry process cement plant (In-line Kiln and Clinker No.5 and support equipment)
-All Units	Existing Facility (1960 to 1999)	0250020-009-AV (0250020-002-AV)	10/26/00	10/25/05	Initial Title V Permit. It incorporates PSD-Fl-050; PSD-FL-142; PSD-FL-236; AC-13-540054; AC-13-27742; AC13-158138; AC13-234568, AC13-21098 and permitting actions 0250020-001-AC; 0250020-003-AC; 0250020-004-AC; 0250020-005-AC; 0250020-006-AC and 0250020-007-AC.
-026 thru -030	New Dry Process Cement Plant System Units Kiln & Cooler No. 5 and Associated Equipment	0250020-010-AC	5/1/01	1/31/05	AC Permit Modification - To increase clinker production of the dry process cement plant up to 250 TPY. It replaces 0250020-008-AC
-022	Nonmetallic Mineral Processing Plant Subject to NSPS Subpart OOO	AC 13-234568	11/18/93	10/12/94	AC Permit to construct Nonmettalic Mineral Processing Plant Operations.
-023	Nonmetallic Mineral Processing Plant **NOT** Subject to NSPS Subpart OOO	0250020-011-AV	3/21/02	10/25/05	Title V Permit Revision to include existing Nonmettalic Mineral Processing Plant Operations at the Aggregate Plant - Permit 0250020-012-AC.
022	Aggregate Plant	0250020-012-AC	1/25/02	7/31/02	AC Permit Modification of the Aggregate Plant

Appendix H-1: Permit History

Tarmac America, LLC.
Pennsuco Complex

Air Permit Revision No.: 0250020-033-AV
Facility ID No.: 0250020

E.U. ID No.	Description of Affected Units	Permit No.	Effective Date	Expiration Date	Project Type Description
-All Units		0250020-013-AV			*Withdrawn*. This Title V Revision Project request was to change the designation of major source to area HAPs source; and to include the construction/modifications of Permit No. 0250020-016-AC and 0250020-014-AC. This project was publicly noticed on January 2, 2004 and as a revised Draft on September 28, 2004.
-024	Concrete Block Plant -5,500 block/hr	0250020-014-AC	9/20/02	9/19/03	AC to construct a new 5,500 Block Concrete Plant
-All Units		0250020-015-AV			*Withdrawn*. Number not allocated.
-026 thru -030	Dry Process Cement Plant System Units Kiln & Cooler No. 5 and Associated Equipment	0250020-016-AC	5/31/05	10/31/05	AC Permit Modification/re-issuance - To adjust physical and operating parameters of new and existing baghouses at the clinker, finish mill and coal mill process system. It also reflects the shutdown of Kiln and Cooler No. 1 & 2 and their support equipment; the shutdown of the 125 TPH slag dryer and of the cement dust insufflation systems. It replaces Permit 0250020-010-AC
-026 thru -030	Dry Process Cement Plant System Units Kiln & Cooler No. 5 and Associated Equipment	0250020-017-AC (PSD-FL-360)	12/2/05	4/30/06	AC Permit Modification/Re-issuance: To increase annual clinker production from 1,642,500 to 2,190,000 TPY keeping the hourly rate of 250 TPH clinker. It replaces 0250020-016-AC
-All Units	Facility	0250020-018-AV	4/18/07	4/18/12	Title V Permit Renewal/Revision. It incorporates Permit construction/modification projects 0250020-014-AC; 0250020-016-AC and the final equipment reconfiguration and production increase stated in Permit 0250020-017-AC. It also reiterates the applicability of the major provisions of 40CFR63, Subpart LLL.

-026 thru -030	Dry Process Cement Plant System Units Kiln & Cooler No. 5 and Associated Equipment	0250020-019-AC	10/13/06	12/31/06	AC Permit modification. It revises and supplements Permit 0250020-017-AC. This permit reactivates Finish Mill No.2; updates several baghouses information and reduce PM/PM_{10} from kiln/raw mill exhaust.
-022 thru -025	Nonmetallic Mineral Processing Plant Equipment. Concrete Block Plant. Two (2) Concrete Batch Ready-Mix Plants	0250020-020-AC	10/9/07	4/9/08	AC Permit for the modification of operation hours for the block plant (EU 014), the after-the-fact installation of one (1) concrete ready-mix batch plant (EU 025), and updating the equipment list for the aggregate plant (EU 022 & 023).
-022 thru -025	Nonmetallic Mineral Processing Plant Equipment. Concrete Block Plant. Two (2) Concrete Batch Ready-Mix Plants	0250020-021-AV	9/22/08	10/25/10	Title V Revision to incorporate air construction permit No. 0250020-020-AC.
-028	Dry Process Cement Plant System Units Kiln	0250020-022-AC	10/22/08	10/21/09	AC Permit to trial burn whole tires in the cement kiln.
-029, 031	Raw material handling system, and fugitive emissions	0250020-023-AC	Withdrawn 3/3/10	-	AC Permit for modification to EU 029, 031.
-028	Dry Process Cement Plant System Units Kiln	0250020-024-AC	11/6/09	11/5/10	AC Permit to conduct a trial burn using $CaCO_3$ residuals as a raw material supplement in the clinker process.
-013 thru -016 -028 thru -029 -031 thru -036	Finish Mill No. 4, Cement Handling System, Cement Kiln, Fugitive Emissions, Super Sack loading, Transloading, Emergency Diesel Fired Air Compressor.	0250020-025-AC	11/22/10	11/21/12	AC Permit for multiple process and operation changes.
-All Units	Facility	0250020-026-AV	12/15/10	12/14/15	Title V Permit Renewal & to incorporate air construction permit No. 0250020-027-AC.
-026	Coal Handling System	0250020-027-AC	10/20/10	4/19/11	AC Permit to modify certain specific conditions
-028	Dry Process Cement Plant System Units Kiln	0250020-028-AC	6/2/10	6/1/11	AC Permit to trial burn whole tires in the cement kiln.
-028	Dry Process Cement Plant System Units Kiln	0250020-029-AC	5/25/11	5/24/13	AC Permit to permanent/trial burn whole tires in the cement kiln
-022, 023, 028, 031	Nonmetallic Mineral Processing Plant Equipment, Cement Kiln, and Fugitive Emissions	0250020-030-AC	6/13/11	6/12/12	AC Permit for minor process and operation changes.

028	Dry Process Cement Plant System Units Kiln	0250020-031-AC	8/8/11	11/1/14	AC Permit for multiple alternative solids fuels.
-027, 031	Clinker handling & Storage, Fugitive Emissions	0250020-032-AV	Withdrawn 3/28/12	-	TV Revision for additional conveyor, and spray painting activities.

Note: Shutdown Operations

Shutdown Operations:

Since the time the existing Portland Cement Plant was constructed in the 1970's, several emissions units operations have shutdown or were permitted but never operated:

1. PSD-FL-050: Kiln 1 and Cooler 1 and support equipment were shutdown in the 1980's
2. PSD-FL-050: Kiln 2 and Cooler 2 and support equipment were shut down on June 1, 2004
3. PSD-FL-050: Kiln 3 and Cooler 3 and support equipment were shutdown on July 31,2004
4. PSD-FL-050: Kiln 4 and Cooler 4 and support equipment never built
5. Slag dryer No.1 (PSD-FL-230) never operated and Slag Dryer No.2 (PSD-FL-236) was shutdown in 2004
6. 1000 Block/hr and 2000 Block/hr Concrete Block Plants were shutdown in 2001
7. Cement Kiln Dust Insufflation System was shut down in 2004
8. Finish Mill No.5 was never constructed