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Fly Ash Sources (Type F)
(Materials Code:707.004.001)

Source Code	Plant, Distributor, Location	Lab Number	Alkali Content (Na ₂ O _e)	Calcium Oxide, CaO, %
S-WMA0.707	Mountaineer Power Plant Waste Management New Haven, WV	1460755A	2.60	3.16
S-WMA0.707	John Amos Power Plant Unit #1, #2, and #3 Waste Management Winfield, WV	1360255A	2.79	3.1
S-CHA0.707	Dynergy Inc. Miami Fort Unit #7 Charah Inc. North Bend, OH	1360269A	1.75	6.29
S-CHA0.707	Dynergy Inc. Miami Fort Unit #8 Charah Inc. North Bend, OH	1360270A	1.8	7.97
S-CHA0.707	Dynergy Zimmer Power Plant Charah Inc. Moscow, OH	1360271A	1.53	7.13
S-SEF0.707	Belews Creek Power Plant Heidelberg Materials Belews Creek, NC	1360272A	1.86	2.40
S-SEF0.707	Keystone Power Plant Heidelberg Materials Shelocta, PA	1455086A	1.89	2.62
S-STC0.707	Brandon Shores Power Station Separation Technologies, Brandon Shores, MD	1360273A	1.64	3.93
S-STC0.707	Brunner Island Steam Electric Station Separation Technologies York Haven, PA	1386030A	1.88	6.13
S-SEF0.707	Morgantown Power Plant Heidelberg Materials Newburg, MD	1429688A	1.705	3.40
S-BOR0.707	Montour Power Plant Eco Material Technologies Washingtonville, PA	1429689A	1.79	2.49
S-ADO0.707	Mitchell Power Plant ADO Industries Moundsville, WV	1463610A	2.35	1.82
S-STC0.707	Longview Power Plant Separation Technologies Maidsville, WV	1463615A	1.62	5.80
S-STC0.707	Clifty Creek Power Plant Separation Technologies Madison, IN	2002692A	2	6.20
S-CHA0.707	Gavin Power Plant Charah Inc. Cheshire, OH	2102245A	1.35	7.34

Fly Ash Sources (Type F) Continued

S-STC0.707	Cardinal Power Plant Separation Technologies LLC Brilliant, OH	2200497A	1.56	4.99
S-SEF0.707	Buck STAR Refined Pozzolan Heidelberg Materials Salisbury, NC	2200504	2.12	0.92

**Fly Ash Sources (Type C)
(Material Code: 707.004.001)**

Source Code	Plant, Distributor, Location	Lab Number	Alkali Content (Na ₂ O _e)	Calcium Oxide, CaO, %
S-BOR0.707	Labadie Power Station Eco Material Technologies Labadie, MO	1386028A	2.21	23.61
S-BOR0.707	Rush Island Power Station Eco Material Technologies Festus, MO	1386029A	1.95	23.68

**Slag Cement Sources Grade 100
(Materials Code: 707.004.002)**

Source Code	Company, Location	Lab Number	Alkali Content (Na ₂ O _e)
S-LHX0.701	Heidelberg Materials Middlebranch, OH	1360275A	0.77
S-SCC0.707	Chicago Skyway Chicago, IL	1395148A	0.61
S-ACC0.701	Argos(Adana Cement, Iskenderun, Turkey) Argos, Martinsburg, WV	1462100A	0.8
S-WAL0.707	WALAN Specialty Construction Products Wilmington, DE	2402721	0.3
S-OZG0.707	Ozinga Cement (Liaoning Province, China.) Mokena, IL	2402720	0.6

**Slag Cement Sources Grade 120
(Materials Code: 707.004.002)**

Source Code	Company, Location	Lab Number	Alkali Content (Na ₂ O _e)
S-LHM0.701	Holcim Sparrows Point, MD	1360261A	0.78
S-LHX0.701	Heidelberg Materials Evansville, PA	1360264A	0.53
S-LHX0.701	Heidelberg Materials Camden, NJ	1457979A	0.77

Silica Fume Sources
(Materials Code: 707.004.003)

Source Code	Company, Product, Location	Lab Number	Alkali Content (Na ₂ O _e)
S-MSX1.707	² RED Industrial Products (R-E-D Fume Concrete- 102 DM) Burnsville, MS	1462932A	0.58
S-BAS0.707	¹ Master Builders (MasterLife SF100) Cleveland, OH	1360266A	0.34
S-ECC1.707	¹ Euclid Chemical (Eucon MSA) Cleveland, OH	1360267A	0.34
S-SCX1.707	¹ Sika (Sikacrete 950D) Lyndhurst, NJ	1436594A	0.34
S-RTA1.707	¹ RussTech, Inc. RussTech CSF Louisville, KY	2002695A	0.34
S-NIX1.707	Ferroglobe USA Silica Fume Sales, Inc. Alloy, WV	1360268A	0.34
S-GCP1.707	² Grace Construction products (Force 10,000D) Columbia, MD	1437663A	0.58
S-NIX1.707	Ferroglobe USA Silica Fume Sales, Inc. (Silica Fume) Beverly, OH	2102248A	0.29

¹These sources raw Silica Fume materials originate at the Ferroglobe USA Silica Fume Sales, Inc. plant in Alloy, West Virginia & Beverly, Ohio. Materials Control, Soil & Testing Division will maintain the approval status for these and any other plant using this source for raw material as per MP 707.04.10, section 5.2.

²These sources raw Silica Fume materials originate at Mississippi Silicon in Burnsville, MS. Materials Control, Soil & Testing Division will maintain the approval status for these and any other plant using this source for raw material as per MP 707.04.10, section 5.2.