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[Michael.D.Perrow@WV.GOV](mailto:Michael.D.Perrow@WV.GOV)**Fly Ash Sources (Type F)**

(Materials Code: 1278)

| Source Code            | Company, Distributor, Location   | Lab Number | Alkali Content (Na <sub>2</sub> O <sub>e</sub> ) | Calcium Oxide, CaO, % |
|------------------------|--|------------|--|-----------------------|
| APC1.02.707            | Mountaineer Power Plant<br>Fly Ash Direct/ Waste Management<br>New Haven, WV   | 1460755A   | 2.60   | 3.16                  |
| JAP1.01.707            | John Amos Power Plant<br>Fly Ash Direct/ Waste Management<br>Winfield WV       | 1360255A   | 2.79   | 3.1                   |
| OEP1.01.707            | Ohio Edison Power Sammis Plant<br>Headwaters<br>Stratton, OH                   | 1360259A   | 1.62   | 2.65                  |
| CCC5.01.707<br>(E134A) | Dynegy Inc. Miami Fort Unit #7<br>Charah Inc.<br>North Bend, OH                | 1360269A   | 1.75   | 6.29                  |
| CCC5.02.707<br>(M369B) | Dynegy Inc. Miami Fort Unit #8<br>Charah Inc.<br>North Bend, OH                | 1360270A   | 1.80   | 7.97                  |
| CCC5.03.707<br>(Z014A) | Dynegy Zimmer Power Plant<br>Charah Inc.<br>Moscow, OH                         | 1360271A   | 1.53   | 7.13                  |
| TSG1.01.707<br>(B366A) | Belews Creek Power Plant<br>Ash Venture<br>Belews Creek, NC                    | 1360272A   | 1.86   | 2.4                   |
| KPP1.01.707            | Keystone Steam Station<br>The SEFA Group<br>Shelocta, PA                       | 1455086A   | 1.89   | 2.62                  |
| STC1.01.707<br>(S442A) | Brandon Shores Power Station<br>Separation Technologies, Brandon Shores,<br>MD | 1360273A   | 1.64   | 3.93                  |
| STC1.02.707<br>(B370A) | Brunner Island Power Station<br>Separation Technologies<br>York Haven, PA      | 1386030A   | 1.88   | 6.13                  |
| MPP1.01.707<br>(M373A) | Morgantown Power Plant<br>SEFA Group<br>Newburg, MD                            | 1429688A   | 1.71   | 3.4                   |
| MSE1.01.707<br>(M379A) | Washingtonville<br>Boral<br>Washingtonville, PA                                | 1429689A   | 1.79   | 2.49                  |
| MIP1.01.707            | Mitchell Power Plant<br>AEP Ohio, Boral Resources<br>Moundsville, WV           | 1463610A   | 2.35   | 1.82                  |
| LPP1.01.703            | Longview Power Plant<br>Separation Technologies LLC<br>Maidsville, WV          | 1463615A   | 1.62   | 5.80                  |
| STC1.04.707            | Clifty Creek Power Plant<br>Separation Technologies LLC<br>Madison, IN         | 2002692A   | 2.00   | 6.20                  |

## Fly Ash Sources (Type C )

(Material Code: 1303)

| Source Code            | Company, Distributor, Location                   | Lab Number | Total Alkalis as Na <sub>2</sub> Oe Equivalent, % | Calcium Oxide, CaO, % |
|------------------------|--|------------|---|-----------------------|
| CCX1.02.707<br>(L160A) | Labadie Power Station<br>Cemex<br>Labadie, MO    | 1386028A   | 2.21  | 23.61                 |
| CCX1.03.707<br>(R180A) | Rush Island Power Station<br>Cemex<br>Festus, MO | 1386029A   | 1.95  | 23.68                 |

## Slag Cement Sources Grade 100

(Materials Code: 1996)

| Source Code            | Company, Location                              | Lab Number | Total Alkalis as Na <sub>2</sub> Oe Equivalent, % |
|------------------------|--|------------|---|
| EMC2.01.707<br>(C372E) | Lehigh Portland Cement Co.<br>Middlebranch, OH | 1360275A   | 0.77  |
| HCX1.01.707<br>(H237B) | Chicago Skyway<br>Chicago, IL                  | 1395148A   | 0.61  |
| ADN1.01.707            | Adana Cement<br>Argos<br>Iskenderun, Turkey    | 1462100A   | 0.8   |

## Slag Cement Sources Grade 120

(Materials Code: 1996)

| Source Code            | Facility, Company, Location                              | Lab Number | Total Alkalis as Na <sub>2</sub> Oe Equivalent, % |
|------------------------|--|------------|---|
| BCC1.01.707<br>(B269B) | Sparrows Point<br>LaFarge (Newcem)<br>Sparrows Point, MD | 1360261A   | 0.78  |
| LPC2.01.707<br>(L019B) | Lehigh Portland Cement Co.<br>Allcem<br>Evansville, PA   | 1360264A   | 0.53  |
| EMC2.03.707            | Lehigh Portland Cement Co.<br>Camden, NJ                 | 1457979A   | 0.77  |

## Silica Fume Sources

(Materials Code: 1995)

| Source Code            | Company   | Lab Number | Total Alkalis as Na <sub>2</sub> Oe Equivalent, % |
|------------------------|---|------------|---|
| MSX1.01.707            | Mississippi Silicon<br>RED Industrial Products<br>Burnsville, MS            | 1462932A   | 0.58  |
| BAS1.02.715<br>(M0340) | <sup>1</sup> BASF<br>(MasterLife SF100)<br>Cleveland, OH                    | 1360266A   | 0.38  |
| ECC1.01.707<br>(E091A) | <sup>1</sup> Euclid Chemical<br>(Eucon MSA)<br>Cleveland, OH                | 1360267A   | 0.38  |
| SCC2.01.707<br>(S077A) | <sup>1</sup> Sika<br>(Sikacrete 950D)<br>Lyndhurst, NJ                      | 1436594A   | 0.38  |
| GSM1.01.707<br>(E134A) | Norchem<br>Alloy, WV  | 1360268A   | 0.38  |
| WRG1.01.707            | <sup>2</sup> Grace Construction products<br>(Force 10,000D)<br>Columbia, MD | 1437663A   | 0.58  |

<sup>1</sup>These sources raw Silica Fume materials originate at the Norchem plant in Alloy, West Virginia. 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.

<sup>2</sup>These 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.