

Analytical Testing Service Laboratories, Inc.

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Attn: Brady E. Pryor

Re: 90627 - Jeffrey Fly Ash Sample 2000 Ton Composite Unit 2 - 05/17-26/10

	ASTM C-618 Class "C" <u>Requirements</u>	<u>Actual</u>
Fineness (+325 Mesh)	34% Max	14.10%
Fineness Variation	5% Max	0.10%
Moisture Content	3% Max	0.03%
Specific Gravity	****	2.78
Specific Gravity Variation	5% Max	0.70%
Loss on Ignition	6% Max	0.25%
Soundness	0.8% Max	0.08%
S.A.I., 7 Days	75% Min	101.30%
S.A.I., 28 Days	75% Min	104.50%
Water Req. % Control	105% Max	94.20%
Silica SiO ₂	****	30.32%
Aluminum Oxide Al ₂ O ₃	****	19.31%
Ferric Oxide Fe ₂ O ₃	****	6.29%
Total	50% Min	55.92%
Sulfur Trioxide SO ₃	5% Max	2.39%
Calcium Oxide CaO	****	28.46%
Magnesium Oxide MgO	****	7.63%

We certify the above was tested in accordance with ASTM C-618.

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John K. Cupp, Manager