

# Analytical Testing Service Laboratories, Inc.

P.O. Box 1118, Joplin, Missouri 64802

(417) 782-6573

Ash Grove Resources, LLC  
5375 SW 7th Street, Suite 400  
Topeka, KS 66606-2552  
1-800-643-7608

January 15, 2010

Attn: Brady E. Pryor

Re: 9670 - Tecumseh Fly Ash Sample Monthly Composite - November 2009

	ASTM C-618 Class "C" <u>Requirements</u>	<u>Actual</u>
Fineness (+325 Mesh)	34% Max	12.30%
Fineness Variation	5% Max	0.40%
Moisture Content	3% Max	0.06%
Specific Gravity	****	2.67
Specific Gravity Variation	5% Max	2.00%
Loss on Ignition	6% Max	0.28%
Soundness	0.8% Max	0.02%
S.A.I., 7 Days	75% Min	98.90%
S.A.I., 28 Days	75% Min	100.60%
Water Req. % Control	105% Max	93.40%
Silica SiO <sub>2</sub>	****	33.04%
Aluminum Oxide Al <sub>2</sub> O <sub>3</sub>	****	22.33%
Ferric Oxide Fe <sub>2</sub> O <sub>3</sub>	****	7.87%
Total	50% Min	63.24%
Sulfur Trioxide SO <sub>3</sub>	5% Max	1.53%
Calcium Oxide CaO	****	26.31%
Magnesium Oxide MgO	****	4.81%

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

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John K. Cupp, Manager