

Chemical and Physical Analysis of Fly Ash

Developed For: *Diversified Minerals, Inc*
 1135 East Wooley Rd
 Oxnard, CA 93030

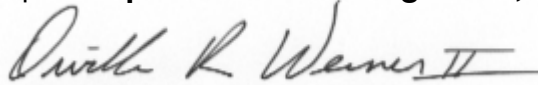
Ticket: 6152 Job: 12618 Report Date: 11/10/2006	Plant of Origin: TXI Sample ID: CKD Docket: -	Sample Date Range: 04/07/2006 to: Date Received: 04/12/2006
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<u>Chemical Composition (%)</u> <small>(by Wyoming Analytical Laboratories, Inc.)</small>	ASTM C 618-03 Specifications	
	<u>Class F</u>	<u>Class C</u>
Total Silica, Aluminum, Iron: 18.5	70.0 Min	50.0 Min
Silicon Dioxide: 13.8		
Aluminum Oxide: 3.2		
Iron Oxide: 1.6		
Sulfur Trioxide: 3.1	5.0 Max	5.0 Max
Calcium Oxide: 49.1		
Moisture Content: 0.0	3.0 Max	3.0 Max
Loss on Ignition: 23.9	6.0 Max	6.0 Max

<u>Physical Test Results</u>	ASTM C 618-03 Specifications	
	<u>Class F</u>	<u>Class C</u>
Fineness, Retained on #325 Sieve (%):	34 Max	34 Max
Strength Activity Index (%)		
Ratio to Control @ 7 Days:		
Ratio to Control @ 28 Days:	75 Min	75 Min
Water Requirement, % of Control:	105 Max	105 Max
Soundness, Autoclave Expansion (%):	0.8 Max	0.8 Max
Density:		

Comments: *Although the sample is cement kiln dust, it was tested under fly ash standards.*

CTL | Thompson Materials Engineers, Inc.



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