



Air Resources Board



Matthew Rodriguez
Secretary for
Environmental Protection

Mary D. Nichols, Chairman
1001 I Street • P.O. Box 2815
Sacramento, California 95812 • www.arb.ca.gov

Edmund G. Brown Jr.
Governor

January 13, 2014

Mr. Jean-Yves Angers
Les Sables Olimag, Incorporated
2899 Boul Fronnac East
Thetford Mines, Quebec G6G 6P6
Canada

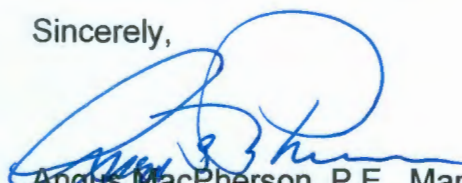
Dear Mr. Angers:

The Air Resources Board is pleased to inform you that the Les Sables Olimag, Incorporated abrasive identified in the table below is certified for permissible dry outdoor blasting until August 31, 2014.

Les Sables Olimag, Incorporated Certified Abrasives	
Plant	Brand Name or Grade
725 Boul Caouette C.P. 276 Thetford Mines, Quebec Canada	Jetmag 30-60

If you have questions or need further assistance, please contact Kathryn Gugeler at (916) 322-0221 or via email at kgugeler@arb.ca.gov. I can be reached at (916) 445-4686 or via email at amacpher@arb.ca.gov.

Sincerely,


Angus MacPherson, P.E., Manager
Testing and Certification Section
Monitoring and Laboratory Division

cc: Kathryn Gugeler
Testing and Certification Section

The energy challenge facing California is real. Every Californian needs to take immediate action to reduce energy consumption. For a list of simple ways you can reduce demand and cut your energy costs, see our website: <http://www.arb.ca.gov>.

California Environmental Protection Agency

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**Abrasive Certification
Summary Data Sheet 2012**

Les Sables Olimag, Incorporated

Jean-Yves Angers

417-337-3562

2899 boul Frontnac East

FAX: 417-338-9100

Thetford Mines

Quebec

G6G 6P6

Canada

Jetmag 30-60

Control Number: 19

Plant Location: 725 Caouette Blvd., Thetford Mines, Quebec, Canada

TEST DATA

Sieve Analysis

Size	Wt. gm
16	43.8
20	174.9
25	119.8
30	78.5
40	58
50	18.2
70	6.9
Pan	2.3

Initial Wt. 502.5

Percent Passing #70 Sieve: 0.5

Blasting and Hydrometer Tests

Blast Sample:	A	B	C
5 Micron %:	2.1	1.6	2.6

Average Percent 5 Micron or Less: 2.1

Specific Gravity: 3.17

Visible Emissions Alternative Test

cpff: or 70 whichever is larger

Visible Emissions Reading (if performed):

Tested in accordance with Test Method No. California 371-A