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RJ Lee*Group*, Inc.

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LABORATORY REPORT

Emteque
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ATTENTION: Mr. Neil Feldscher
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REPORT DATE	October 19, 2001
SAMPLES RECEIVED	October 15, 2001
RJ LEE GROUP JOB NO.	XRH110131
CLIENT JOB NO.	010496 90 Church St.
PURCHASE ORDER NO.	N/A

Table 1 of 3

ANALYSIS: Bulk Analysis Of Crystalline Free Silica
METHODS: X - ray Diffraction

A portion of each bulk sample was ground to a fine powder, mixed with calcium fluoride (CaF_2) as an internal standard, ground further, and backloaded into a standard XRD holder. The samples were then scanned using standard run parameters on a Philips XRD unit, equipped with graphite monochromatized copper radiation. The weight percentage of silica was calculated through the use of the internal standard and calibration coefficients derived from standards NBS - 1878 quartz, NBS - 1879 cristobalite, and NIOSH/IITRI TY27 tridymite mixed with CaF_2. Samples weighing < 0.1 grams were deposited onto a silver membrane filter and analyzed according to a modified NIOSH 7500 method.

Sample Identification		Quartz	Cristobalite	Tridymite	Total Crystalline Silica	Detection
Client I.D.	RJ Lee Group	(Weight %)	(Weight %)	(Weight %)	(Weight %)	Limit
S12-01	0340771	4.9	*	*	4.9	0.2
S12-02	0340772	5.7	*	*	5.7	0.2
S12-03	0340773	1.1	*	*	1.1	0.2
S12-04	0340774	1.8	*	*	1.8	0.2
S11-01	0340775	2.3	*	*	2.3	0.2
S11-02	0340776	1.3	*	*	1.3	0.2
S11-03	0340777	1.9	*	*	1.9	0.2
S11-04	0340778	2.5	*	*	2.5	0.2
S10-01	0340779	8.2	*	*	8.2	0.2
S10-02	0340780	1.4	*	*	1.4	0.2

*No cristobalite or tridymite detected (< 0.2 wt. % detection limit).

Stephen A. Brown
Manager, X-ray Diffraction Group

10/19/01
Date

These results are submitted pursuant to RJ Lee Group's current terms and conditions of sale, including the company's standard warranty and limitation of liability provisions. No responsibility or liability is assumed for the manner in which the results are used or interpreted. Unless notified in writing to return the samples covered by this report, RJ Lee Group will store the samples for a period of thirty (30) days before discarding. A shipping and handling fee will be assessed for the return of any samples.

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