Registration Section Division of Corporations P.O. Sox 6327 Tallahassee, 32314 Fl June 28, 2002 PM JUL 1 PM 2: 58

Please register the Limited Liability Company to transact business in Florida. The application and check are enclosed. Thank you in advance.

Sincerely,

Dirk R. Engstrom

President

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J.BRYAN JUL - 2 2002

ARTICLES OF ORGANIZATION FOR FLORIDA LIMITED LIABILITY COMPANY

ARTICLE I - Name:

The name of the Limited Liability Company is:

PTG AbrasivEs, LLC
ARTICLE II - Address: The mailing address and street address of the principal office of the Limited Liability Company is: 37 Skyline Dr., Suite 2102, Lake Mary, Fl.
ARTICLE III - Registered Agent, Registered Office, & Registered Agent's Signature:
The name and the Florida street address of the registered agent are:
Dirk R. Engstrom
315 CARR Florida street address (P.O. Box NOT acceptable)
City, State, and Zip Having been named as registered agent and to accept service of process for the above stated limited
Having been named as registered agent and to accept service of process for the above stated limited cliability company at the place designated in this certificate, I hereby accept the appointment as registered agent and agree to act in this capacity. I further agree to comply with the provisions of all statutes relating to the proper and complete performance of my duties, and I am familiar with and accept the obligations of my position as registered agent as provided for in Chapter 608, F.S.
Registered Agen's Signature
Article IV - Management (Check box if applicable.) The Limited Liability Company is to be managed by one manager or more managers and is, therefore, a manager - managed company.
(An additional article must be added if an effective date is requested) Signature of a member or an authorized representative of a member.
(In accordance with section 608.408(3), Florida Statutes, the execution

Filing Fees:

that the facts stated herein are true.)

of this document constitutes an affirmation under the penalties of perjury

\$100.00 Filing Fee for Articles of Organization

\$ 25.00 Designation of Registered Agent

\$ 30.00 Certified Copy (Optional)

\$ 5.00 Certificate of Status (Optional)