

State of Indiana  
Office of the Secretary of State

CERTIFICATE OF ASSUMED BUSINESS NAME

of

SHANXI-INDIANA, LLC

I, Connie Lawson, Secretary of State of Indiana, hereby certify that Certificate of Assumed Business Name of the above Domestic Limited Liability Company (LLC) has been presented to me at my office, accompanied by the fees prescribed by law and that the documentation presented conforms to law as prescribed by the provisions of the Indiana Business Flexibility Act.

Following said transaction the entity named above will be doing business under the assumed business name(s) of:

DVS REFRACTORIES

2013 JUL 25 05:45:36

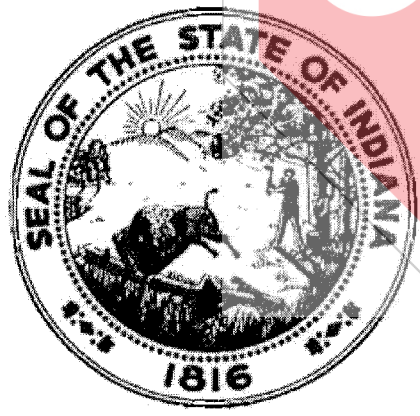
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STATE OF INDIANA  
LAKE COUNTY  
FILED FOR RECORD  
2013 JUL 25 PM 12:03  
MICHAEL B. BROWN  
RECORDER

**STOP**

NOW, THEREFORE, with this document I certify that said transaction will become effective Thursday, July 25, 2013.

In Witness Whereof, I have caused to be affixed my signature and the seal of the State of Indiana, at the City of Indianapolis, July 25, 2013



*Connie Lawson*

CONNIE LAWSON,  
SECRETARY OF STATE

\$12  
noncom f  
ck# 5898  
+ \$100 cash  
KC