SDX Trading, LLC

545 Madison Avenue 17th Floor New York, NY 10022 Tel: 212-317-7178

Fax: 212-317-7199

October 1, 2013

Via Commission Website Portal

Secretary
Commodity Futures Trading Commission
Three Lafayette Centre
1155 21st Street, N.W.
Washington, D.C. 20581

Re: SDX Trading, LLC - Application for Registration and for Temporary Registration as a Swap Execution Facility

Ladies and Gentlemen:

SDX Trading, LLC ("SDX Trading") hereby applies for registration as a swap execution facility ("SEF") pursuant to Section 5h of the Commodity Exchange Act and Commodity Futures Trading Commission ("Commission") Regulation 37.3(b).

SDX Trading hereby further requests that the Commission grant SDX Trading temporary registration as a SEF pursuant to Commission Regulation 37.3(c).

As required by Commission Regulations 37.3(b)(l)(i) and 37.3(c)(l)(i), SDX Trading is filing herewith a complete Form SEF that, together with the accompanying Exhibits, contains all information and documentation required by Regulation 37.3 and Form SEF. SDX Trading is separately filing, pursuant to Commission Regulations 37.3(b)(2) and 145.9, a petition for confidential treatment of those portions of its application that are not required by Commission Regulation 40.8(a) to be made publicly available.

¹ Form SEF and the accompanying Exhibits are contained in electronic files designated respectively as "SDX Trading SEF Application- Confidential Submission" and "SDX Trading SEF Application- Non-Confidential Submission."

Secretary October 1, 2013 Page 2

Pursuant to Commission Regulation 37.3(b)(l)(iii), SDX Trading hereby requests from the Commission a unique, extensible, alphanumeric code for the purpose of identifying the 360T SEF pursuant to Part 45 of the Commission's Regulations.

Questions regarding this application should be directed to the attention of the undersigned at the telephone number and address set forth above.

Sincerely,

David Gertler

Chief Compliance Officer,

SDX Trading, LLC

Encl. (Form SEF, with Exhibits)

cc: Ori Kalechman

Gregory J. Nowak, Pepper Hamilton LLP Matthew R. Silver, Pepper Hamilton LLP