

TANTECH HOLDINGS LTD.  
Annual Meeting of Shareholders

10:00 P.M., EASTERN TIME, JULY 26, 2019

**Important Notice Regarding the Availability of Proxy Materials for the Annual Meeting of Shareholders  
To Be Held on July 27, 2019, at 10:00 a.m., Local Time  
(July 26, 2019, at 10:00 p.m., Eastern Time)**

**The Notice & Proxy Statement and Annual Report on Form 20-F are available at:**

<http://ir.tantech.cn/proxy-filings>

**TANTECH HOLDINGS LTD.**

**THIS PROXY IS SOLICITED ON BEHALF OF THE BOARD OF DIRECTORS**

The undersigned, revoking all prior proxies, hereby appoints Zhengyu Wang or \_\_\_\_\_, with full power of substitution, as proxy to represent and vote all shares of Common Shares of Tantech Holdings Ltd. (the “Company”), which the undersigned will be entitled to vote if personally present at the Annual Meeting of the Shareholders of the Company to be held on July 26, 2019, at 10:00 p.m., Eastern Time (July 27, 2019, at 10 a.m., Local Time), at 9th Floor, Block A, FPI Center, No. 459 Qianmo Rd, Binjiang District, Hangzhou City, Zhejiang Province 310051, People’s Republic of China, upon matters set forth in the Notice of 2019 Annual Meeting of Shareholders, a copy of which has been received by the undersigned. Each share of Common Shares is entitled to one vote. The proxies are further authorized to vote, in their discretion, upon such other business as may properly come before the meeting.

This proxy, when properly executed, will be voted as directed. If no direction is made, the proxy shall be voted **FOR** the listed nominees, **FOR** the ratification of Prager Metis CPAs LLC and, in the case of other matters that legally come before the meeting, as said proxy may deem advisable.

Please check here if you plan to attend the Annual Meeting of Shareholders on July 27, 2019, at 10:00 a.m., Local Time.

**Electronic Delivery of Future Proxy Materials.** If you would like to reduce the costs incurred by Tantech Holdings Ltd. in mailing materials, you can consent to receiving all future proxy statements, proxy cards and annual reports electronically via email or the internet. To sign up for electronic delivery, please provide your email address below and check here to indicate you consent to receive or access proxy materials electronically in future years.

Email Address: \_\_\_\_\_

**(Continued and to be signed on Reverse Side)**

\* SPECIMEN \*  
1 MAIN STREET  
ANYWHERE PA 99999-9999

**VOTE ON INTERNET**

Go to [www.vstocktransfer.com/proxy](http://www.vstocktransfer.com/proxy)  
and log-on using the below control number.

**CONTROL #**

**VOTE BY MAIL**

Mark, sign and date your proxy card and  
return it in the envelope we have provided.

**VOTE BY EMAIL**

Mark, sign and date your proxy card and  
email it to [vote@vstocktransfer.com](mailto:vote@vstocktransfer.com).

**VOTE BY FAX**

Mark, sign and date your proxy card and  
fax it to 1-646-536-3179.

**VOTE IN PERSON**

If you would like to vote in person, please  
attend the Annual Meeting to be held on  
July 27, 2019, at 10:00 a.m., local time  
(10:00 p.m. ET on July 26, 2019).

**Please Vote, Sign, Date and Return Promptly. All votes must be received by 11:59 p.m., Eastern Time, July 25, 2019 (11:59 a.m., Beijing Time, July 26, 2019).**

**Annual Meeting Proxy Card - Tantech Holdings Ltd. Common Shares**

▼ DETACH PROXY CARD HERE TO VOTE BY MAIL ▼

**The Board of Directors recommends that you vote FOR each director nominee:**

(1) To elect the nominees listed below to hold office until the 2020 Annual Meeting of Shareholders or until their respective successors are duly elected and qualified.

FOR ALL NOMINEES LISTED BELOW  
(except as marked to the contrary below)

WITHHOLD AUTHORITY TO VOTE FOR  
ALL NOMINEES LISTED BELOW

**INSTRUCTION: TO WITHHOLD AUTHORITY TO VOTE FOR ONE OR MORE INDIVIDUAL NOMINEES STRIKE A LINE THROUGH THE NOMINEES' NAMES BELOW:**

01 Zhengyu Wang 02 Yefang Zhang 03 Wencai Pan 04 Hongdao Qian 05 Shudong Wang

**The Board of Directors recommends that you vote FOR the following item:**

(2) To ratify the appointment of Prager Metis CPAs LLC as the Company's independent registered public accounting firm for the fiscal year ending December 31, 2019.

VOTE FOR

VOTE AGAINST

ABSTAIN

**Date**

**Signature**

**Signature, if held jointly**

To change the address on your account, please check the box at right and indicate your new address.

\* SPECIMEN \*

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