

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

**VOTE ON INTERNET**

Go to [www.vstocktransfer.com/proxy](http://www.vstocktransfer.com/proxy)  
Click on Proxy Voter Login 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 15, 2021, at 1:00 p.m., local time  
(1 a.m. ET on July 15, 2021).

**Please Vote, Sign, Date and Return Promptly. All votes must be received by 11:59 p.m., Eastern Time,  
July 13, 2021 (11:59 a.m., Beijing Time, July 14, 2021).**

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

▼ DETACH PROXY CARD HERE TO VOTE BY MAIL ▼

**THE BOARD OF DIRECTORS RECOMMENDS A VOTE "FOR" FOR ALL FOLLOWING PROPOSALS:**

- (1) To elect the nominees listed below to hold office until 2022 for Class I member, 2023 for Class II member and 2024 for Class III member 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 Class I: Shudong Wang    02 Class II: Wencai Pan    03 Class II: Hongdao Qian    04 Class III: Zhengyu Wang    05 Class III: Yefang Zhang

- (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, 2021;

VOTE FOR

VOTE AGAINST

ABSTAIN

- (3) To approve an ordinary resolution that the authorized shares of the Company be increased from 50,000,000 common shares each with a par value of US \$0.001 (the "Common Shares"), to 600,000,000 Common Shares each with a par value of US \$0.001 (the "Amendment to the Authorized Shares");

VOTE FOR

VOTE AGAINST

ABSTAIN

- (4) To approve an ordinary resolution that the Second Amended and Restated Memorandum and Articles of Association (the "Second M&AA") annexed to the proxy statement as Annex A which incorporate amendments including but not limited to Amendment to the Authorized Shares, be and hereby are, approved and adopted with immediate effect in substitution for the First Amended and Restated Memorandum and Articles of Association of the Company (the "First M&AA");

VOTE FOR

VOTE AGAINST

ABSTAIN

- (5) To approve an ordinary resolution that the 2021 Share Incentive Plan (the "2021 Plan") annexed to the proxy statement as Annex B is hereby approved and adopted;

VOTE FOR

VOTE AGAINST

ABSTAIN

- (6) To transact any other business properly coming before the meeting or any adjournment thereof.

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 \*

AC:ACCT9999

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# TANTECH HOLDINGS LTD

## Annual Meeting of Shareholders

1:00 A.M., EASTERN TIME, JULY 15, 2021

**Important Notice Regarding the Availability of Proxy Materials for the Annual Meeting of Shareholders  
To Be Held on July 15, 2021, at 1:00 p.m., Local Time  
(July 15, 2021, at 1:00 a.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 Wangfeng Yan, Weilin Zhang 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 15, 2021, at 1:00 a.m., Eastern Time (July 15, 2021, at 1 p.m., Local Time), at Room 1803, 18F, Dikai Ginza, 29 Jiefang East Road, Jianggan District, Hangzhou City, Zhejiang Province 310016, People’s Republic of China, upon matters set forth in the Notice of 2021 Annual Meeting of Shareholders, a copy of which has been received by the undersigned. Each Common Share 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, **FOR** the Amendment to the Authorized Shares, **FOR** the Second M&AA in substitution for the First M&AA; **FOR** the 2021 Plan 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 15, 2021, at 1:00 p.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)**