## THIS PROXY IS SOLICITED ON BEHALF OF THE BOARD OF DIRECTORS PROXY FOR THE ANNUAL MEETING OF SHAREHOLDERS OF MESA LABORATORIES, INC. TO BE HELD THURSDAY, NOVEMBER 2, 2017

The undersigned hereby appoints Gary M. Owens as the lawful agent and Proxy of the undersigned (with all powers the undersigned would possess if personally present, including full power of substitution), and hereby authorizes him to represent and to vote, as designated below, all the shares of Common Stock of Mesa Laboratories, Inc. held of record by the undersigned as of the close of business on September 14, 2017, at the Annual Meeting of Shareholders to be held on Thursday, November 2, 2017, or any adjournment or postponement thereof.

1. ELECTION OF DIRECTORS
FOR all nominees listed below WITHHOLD AUTHORITY
(except as marked to the contrary below) (to vote for all nominees listed below)
M. Brooks H. Campbell R. Dwyer E. Guillemin D. Kelly J. Schmieder J. Sullivan G. Owens
(INSTRUCTION: To withhold authority to vote for any nominees, write the nominees' names on the space provided below.)
2. To approve, on an advisory basis, the compensation of our named executive officers as disclosed in the Compensation
Discussion and Analysis section and the Executive Compensation section of our Proxy Statement.
FOR AGAINST ABSTAIN
3. To ratify the appointment of EKS&H LLLP ("EKS&H") as the Company's independent registered public accounting firm
for the year ending March 31, 2018 (the "Ratification of Auditors Proposal").
FOR AGAINST ABSTAIN
In his or her discretion, the Proxy is authorized to vote upon any matters which may properly come before the meeting, or any adjournment thereof
or postponement thereof.
It is understood that when properly executed, this proxy will be voted in the manner directed herein by the undersigned shareholder.
WHERE NO CHOICE IS SPECIFIED BY THE SHAREHOLDER, THIS PROXY WILL BE VOTED FOR THE ELECTION OF
DIRECTORS PROPOSED IN ITEM (1), FOR APPROVAL OF EXECUTIVE COMPENSATION PROPOSED IN ITEM (2); AND FOR RATIFICATION OF THE APPOINTMENT OF EKS&H PROPOSED IN ITEM (3).
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The undersigned hereby revokes all previous proxies relating to the shares covered hereby and confirms all that said proxy or his
substitutes may do by virtue hereof.
Please sign exactly as name appears below. When shares are held joint tenants, both should sign. When signing as attorney, executor,
administrator, trustee or guardian, please give full title as such. If a corporation, please sign in full corporate name by President or other
authorized officer. If a partnership, please sign in partnership name by authorized person.
Datade
Dated: Signature
Signature if held jointly
Signature it field jointry
PLEASE MARK, SIGN, DATE AND RETURN
THE PROXY CARD PROMPTLY USING THE
ENCLOSED ENVELOPE
PLEASE CHECK THIS BOX IF YOU INTEND TO BE PRESENT AT THE MEETING