



# Instructor Background And Information Form

Thank you for filling out this form.

Presentation Title: Fundamentals of Electrochemistry

Presenter: Mark McElroy Title: Regional Sales Manager

Employer: Thermo Fisher Address: 11432 NE 92nd

City: Kirkland State: WA Zip: 98033 Phone: 425-894-0111

Length of Lesson: 2 hrs Lesson applies to:  Water  Wastewater  Both  Online Option:

Summary of Lesson content: A brief discussion of pH theory will lead to a practical discussion of electrode selection, calibration suggestions, the effect of temperature on pH measurements, care and maintenance ideas, best practices as they relate to buffer use, troubleshooting guidelines, and measurement

hints: An update on the newest pH technologies such as ROSS Ultra Electrodes feature the ROSS Ultra 18 month maintenance free triode, LogR temperature compensation, and specialty electrodes will be given.

Professional Background: ( Note a brief - 2 page maximum - resume may be submitted in lieu of the following data. Please be sure the resume includes all requested information. Qualifications should be related to your presentation.) Use the reverse side of this form if more room is needed to fully answer the following questions.

Primary Knowledge/Skills/Abilities related to presentation: Extensive training and study in the field of electrochemistry as well as ever day application of these pincipals in the lab. National presenter of these materials with consistently high ratings on content and delivery.

Education (High School, Upgrades, Colleges and Degrees): N/A

Professional Registration/Certification: N/A

Related papers/instruction you have presented:

Title: Fundamentals of Electrochemistry Date: 1/1/2018 Event: Clackamas Short School

Title: 2009-2021 Date: \_\_\_\_\_ Event: \_\_\_\_\_

Professional Organizations/Activities:

\_\_\_\_\_ Date: \_\_\_\_\_

\_\_\_\_\_ Date: \_\_\_\_\_

Course sponsor: \_\_\_\_\_

Signature of Instructor: [Signature] Date: 8/25/2022

DO NOT WRITE BELOW THIS LINE

Date Evaluated: \_\_\_\_\_ By: \_\_\_\_\_ Approved: Yes \_\_\_\_\_ No \_\_\_\_\_