



Steel Tank Institute's Cathodic Protection Exam B

You are logged in as Marcel Moreau
Expiration Time:

- 1. Tank #1 is an stiP3 tank. Using the voltmeter, the reference cell, the test probe, and the site diagram above, evaluate Tank #1 to determine whether it meets an accepted criteria for cathodic protection. To take a reading, drag and drop the test probe connected to the positive terminal of the voltmeter to a suitable structure connection on Tank #1. Then drag and drop the reference cell to an appropriate location on the diagram. The voltmeter will then display the voltage reading for the structure connection and reference cell locations that you have chosen. Record the readings you used to make your evaluation in the boxes below.**

Enter the voltmeter readings you used to reach your decision in the boxes below:

Reading #1

Reading #2

Reading #3

Click on the structure contact you used to make your evaluation:

Structure
#1

Structure
#2

Structure
#3

Based on the structure-to-soil potential readings you have recorded above, which one of the following statements is true:

- A. Tank #1 fails to meet the -850 mV with protective current applied criterion.
- B. Tank #1 meets the -850 mV with protective current applied criterion.
- C. Tank #1 meets the 100 mV polarization change criterion.
- D. Tank #1 meets the -850 mV with protective current off criterion.

Click 'Submit' to complete and continue.

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