OJT Training Module Cover Sheet

Title: 802 How to setup and calibrate the EM38.
Type: **X** Skill □ Knowledge
Performance Objective: Trainee will be able to… • Setup the EM38 for use in the field • Calibrate the EM38 for use in the field • Complete a checklist to insure all EM38 associated items go to the field
Target Proficiency: □ Awareness □ Understanding □ Perform w/ Supervision **X** Apply Independently □ Proficiency, can teach others
Trainer Preparation: • Trainer should be familiar with the assigned reading/review material in the lesson plan that follows.
Special Requirements: Prepare an external learning request using SF-182 in Aglearn for this activity. Instructions and a template are located on the training webpages for OJT modules.
Prerequisite Modules: • 801 Understand EMI technology
Notes: None
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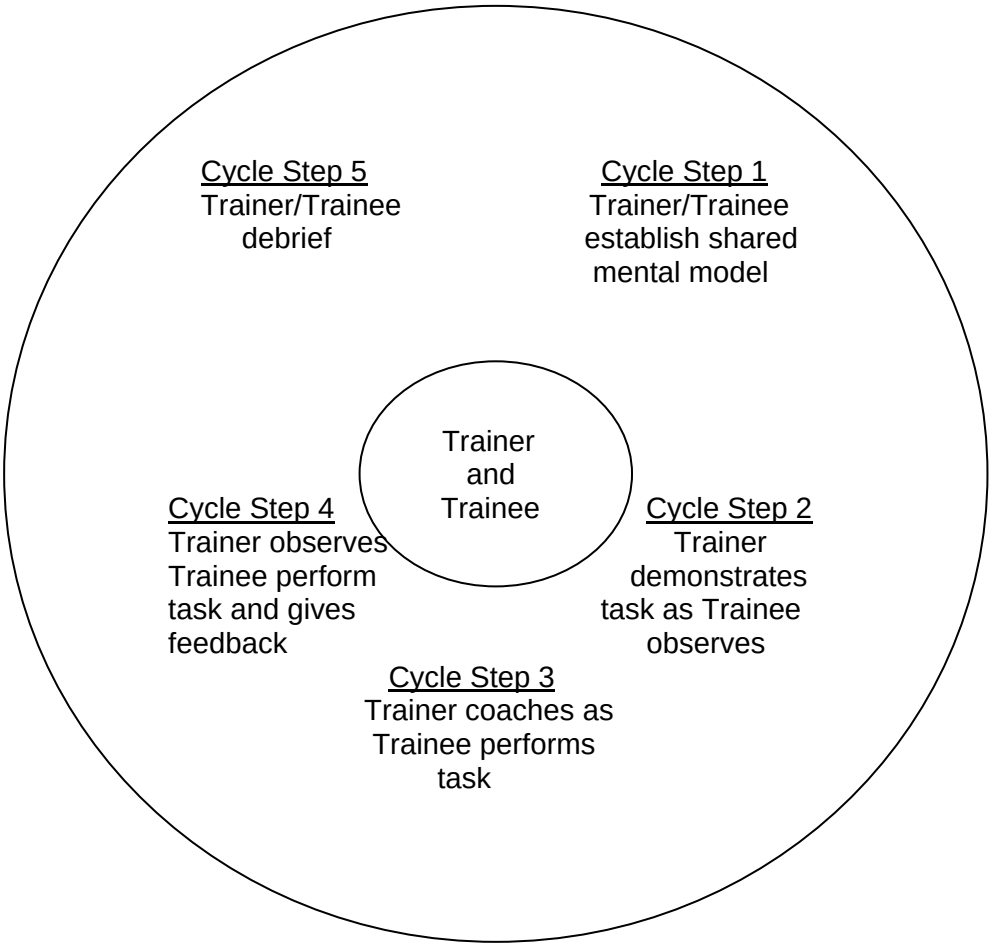
The Five-Step OJT Cycle for Procedural Training (Skill)



OJT Module Lesson

Title: **802 How to setup and calibrate the EM38.**	
WHAT	**WHY, WHEN, WHERE, HOW, SAFETY, QUALITY**

Cycle step 1	Trainer and trainee review objectives of module.
	
	Trainer and trainee access via the internet [Soils Home/Soil Education/NCSS Members/Job Aids/Investigations] and read/review:
	• EM38 Meter Cookbook.pdf
	  o **Setup Diagram**
	  o **How to Set Up and Calibrate the EM Device**
	  o **Check list for EM38 meter**

Cycle step 2	Trainer shows trainee the following: • Compare items at hand with the checklist provided • Following the guidelines provided, setup and calibrate the meter
Cycle step 3	Trainer coach's trainee as trainee goes through the process of setup and calibration.
Cycle step 4	Repeat cycle step 3 without coaching.
Cycle step 5	Trainer can debrief trainee and address any concerns.

OJT Module Lesson Measurement of Learning

Title: **802 How to setup and calibrate the EM38.**	
WHAT	**WHY, WHEN, WHERE, HOW, SAFETY, QUALITY**
Trainee's learning is measured.	During project activities, assign this task to the trainee. Have the trainee use the checklist before going to the field. Sign off on performance when target proficiency is achieved.

SF-182

Trainee and/or supervisor access Aglearn to verify completion of the module via its SF-182.