## EFCOG TRAINING WORKING GROUP (TWG) ANNUAL WORKSHOP

**March 15 - 17, 2022** 

**Location: Virtual** 

## TRAINING DELIVERY PRESENTATION HANDOUT

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- 1. Choosing a Training Modality
  - a. **Scenario:** Your supervisor assigns your team to assist a customer develop training that is required for startup operations. Some important constraints are listed below.
    - i. The customer needs the training to be implemented in approximately 4 months
    - ii. Your analysis has determined that these operations are conducted by 3 separate roles.
    - iii. These operations are all conducted in a Hazard Category 2 Nuclear Facility
    - iv. The work will be performed 700 miles away from your location
    - v. You cannot travel to the location due to the COVID restrictions in place
    - vi. You cannot see the facilities virtually due to classification restrictions
    - vii. Focus on the role of HE Handler's job to attach electrical controls to explosive detonators
    - viii. All procedures are in working draft form.
    - ix. The SME is on-location 700 miles away and is revising the procedures.
    - x. The SME is highly educated with degrees in Electrical Engineering, is a Certified High Explosives Handler and has expertise in electrical connections to explosives

b. What modalities would you do? What approach would you take? What

<mark>modalities woul</mark>	nodalities would you choose? How does cost factor in?							
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- 2. Attracting and Retaining Instructors
  - a. Your instructors are operational experts (Senior Certified Fissile Material Handlers (SCFMHs)) and instructing is a part-time responsibility
  - b. Their primary job is to meet mission objectives by completing specific projects and experiments as a SCFMH.
  - c. All work requires a Q-Clearance
  - d. SCFMHs are responsible to set the workplace safety culture, respond to offnormal events and respond to emergencies to protect the public, workers, the facility and the environment. They are also responsible for training and mentoring new FMHs
  - e. You have 6-10 SCFMHs on staff
  - f. You have 30-40 FMHs in various states of training, qualifying and certifying.
  - g. It takes about 6 months for a new employee to obtain a Q-Clearance.
  - h. It takes about 6-24 months for a qualified trainee to become a Certified FMH who can work independently without direct supervision.

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3.	What are some ways to attract, retain instructors, or change the program for better
	fficiency and effectiveness ?
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