Oregon, California & Eastern Railroad
Train Engineer Certification Process

Background:

The Colorado Model Railroad Museum features a 5,500 square foot model of the Oregon, California and Eastern Railway (OC&E) representing 20+ scale miles of mainline. The railroad features 200+ locomotives, 2,500+ freight cars and a fully functional CTC (Central Traffic/Train Control) operated by the Dispatcher that controls the signal system. Because of the large investment in equipment, the length of trains operated, and that the museum is typically open to the public, a formal engineer qualification process is essential for the smooth and safe operation of the railroad. The following are the steps required for volunteers to become qualified engineers on the OC&E.

Certification Process:

- All the Steps to "**Become a CMRM Volunteer**" **MUST** be completed before any training can begin to become a OC&E Train Engineer

- All Training is to be conducted by a **Certified Train Engineer Trainer**.

- When you first begin volunteering and are in training, wear a nice polo-type shirt or other shirt with a collar and appropriate pants.

- Certification requires **at least** four full train runs under the supervision of the Trainer.   Certification runs must run the full mainline, both East and West bound, starting in Staging and returning to Staging.
  - Run with the Trainer as the Engineer, and the Trainee as the Conductor (observer).
  - Run with the Trainee as the Engineer, and the Trainer as the Conductor (observer).
  - **Additional runs maybe required at the discretion of the Trainer or at the request of the Trainee.**

- **ONLY ONE Training run in each direction can be done in one day! This means the full Certification process will take at least two separate days.**

- Use the "**Train Engineer Training Checklist**" to track items you have been trained during the qualification runs. Use the checklist for reference or refresher as needed.

- After the full Checklist has been completed, arrange to have a final Certification Meeting with one of the following: Railway Manager, Executive Director, or President or the Museum Board of Directors.

- When you complete your Certification you purchase your OC&E Railway volunteer polo shirt for $30 plus tax and a name badge for $5.

- After completing your Certification you will be added to the CMRM_Crew_Caller@CMRM.org email list and you will receive an email every Monday calling for that week's crews. If you plan to volunteer on the following Friday or Saturday, you need to reply to the CMRM_Crew_Caller@CMRM.org email by Wednesday evening.

Additional Information:

- A Engineer can be requested to be recertified at anytime
- All qualified engineers operating during public hours must wear an OC&E operator's shirt. The volunteer's name must be clearly visible either embroider on their shirt or on a name badge.
- Maintaining Qualification – previously qualified engineers, who have not operated within the past six months, may be required to be re-qualified.