

IFF TR 12/ EN

TRAIN DRIVERS TRAINING



TARGET AUDIENCE

Shunting conductor or drivers.



GOALS

- Increase knowledge of security
- Acquire knowledge about the train / Locomotive
- Master the regulations and the architecture of train / locomotive Master the operating principle of each train / locomotive element.



PREREQUISITES

Be certified in general training on movement tasks.



EDUCATIONAL MODALITIES

Active and alternating teaching method: Classroom training and applications on train driving simulator.



DURATION: About 5 weeks

(depending on the series of the locomotive)



PROGRAM

Technical module:

- Electrical part: traction elements, main circuit breakers and compressor.
- Mechanical part: bogiemotor and carrier, Suspension
- Pneumatic part: Equipment and operating principle of the brake. Isolation of the brake in the event of a fault.
- Driving position: discovery of the driving position equipment and use
- Commissioning of security systems: HV circuit, Automatic standby, ETCS, Vigie Record and Reset alarm signals.

Security module :

- Train spacing methods and corresponding safety rules;
- Signals and their crossing method, rules specific to the system ETCS level 1;
- Train running rules in nominal conditions and in degraded mode ;
- Operating regime and related safety rules at crossings of single-track trains
- Rules for the composition, braking, towing and speed of trains - testing brake;
- Hot box detection system and detection system locked brakes;
- Prescriptions to be observed to ensure the service of electric traction.

• **Level 2 assessment:** Assessment of skills acquired at the end of training ➡ **Yes**