

CTFD Driver Qualification Worksheet – Engine - page 2**Apparatus Use and Equipment Skills**

Skills	Trainer (initial)	Ready to Test (check)
Perform one monthly maintenance check		
Produce safe and effective hand line streams. Demonstrate a working knowledge of hand line hydraulic calculations and safe operation of the pump.		
Pump an LDH supply line. Demonstrate a working knowledge of supply line hydraulic calculations and safe operation of the pump.		
Pump both fixed and portable master stream devices. Demonstrate a working knowledge of master stream hydraulic calculations and safe operation of the pump.		
Demonstrate a safe and effective tanker filling operation utilizing a static water source.		
Demonstrate a safe and effective dump site operation utilizing tankers as a water source.		
Demonstrate the ability to properly supply water to another engine directly from a water source and as part of a relay pumping operation.		
Supply water to a fire sprinkler and standpipe system. Demonstrate a working knowledge of operating principles of standpipe and sprinkler systems.		
Produce a safe and effective foam fire stream using a hand line and inline foam proportioning equipment (note: if practice foam is not available, setup and description is acceptable)		
Identify and describe the proper use of a minimum of 10 different hose adapters, appliances and related equipment carried on the apparatus.		
Demonstrate safe and effective use of all portable electrical equipment (lighting, fan, etc.) using the on-board generator as a power source.		
Demonstrate the safe and effective use of all hydraulic and/or pneumatic tools carried on the apparatus (if applicable)		
Demonstrate use of On Spots and explain when to use and not to use auxiliary braking systems (ie exhaust brake or transmission retarder) and Inter-axle and Inter-wheel lockout systems		
Explain proper positioning of apparatus for attack and supply operations on both rural and non-rural firegrounds		