

## **Fire Extinguisher and Vehicle Fueling Regulations**

All pits regardless if fueling a vehicle during a stop are required to have at a minimum 2-10lb dry chemical or foam equivalent fire extinguishers out and ready for use. If fuel duties are being performed in that pit, including dump can use, you must have at a minimum 1- 20lb dry chemical or foam equivalent manned by a dedicated person during the fueling of the vehicle. Any team using an approved pressurized fuel filling system is required to have at a minimum 2-20lb dry chemical or foam extinguishers with one being manned by a dedicated team member for the duration of the stop.

It is mandated that refueling personnel (aka “The Fueler”; the crew member responsible for inserting the fuel nozzle or dry brake during a pit stop) wear a one piece or two piece fire suit minimally rated to the SFI Foundation’s 3.2A/5 manufacturer’s certification. The suit shall cover the crew member from the neck to the ankles and to the wrists. The suit must be free from holes, rips, tears, and not worn thin. Additionally the “fueler” must wear a SNELL rated full face helmet, an SFI 3.3 rated balaclava, SFI 3.3 rated fire retardant gloves, and SFI 3.3 rated fire retardant shoes and an SFI 52.1 rated fueler apron. This applies to all fuel delivery systems including dump cans.

Additionally for all pit crew members working in the immediate area of a vehicle being fueled, it is required for pit crew members are a one piece or two piece fire suit minimally rated to the SFI Foundation’s 3.2A/5 manufacturer’s certification. The use of a pit crew style helmets and an SFI 3.3 rated balaclava, SFI 3.3 rated fire retardant gloves, and SFI 3.3 rated fire retardant shoes are also strongly recommended.

## **Vehicle Refueling**

All vehicles including car, truck, motorcycle, UTV and ATV may only be refueled with vented fuel cans or gravity fed fuel towers. Pressurized fuel systems may be used for Cars and Trucks only and must be approved and inspected by tech department.

Mandatory that all pits must have some form of fuel containment under the vehicle when fueling such as a tarp, carpet, cardboard or bucket to keep over flowing fuel from reaching the ground.

Overhead fuel towers and pressure systems: Must be placed a minimum of 20 feet from the race course. All towers must have a manned spring loaded dead man valve (ball gate or butterfly) to automatically close the line when the handle is released. The hose must have a break-a-way feature in the event the vehicle departs with the hose attached.

- Fuel pressure systems and overhead towers must have a double redhead dry break with return back to the fuel system tank
- No larger than a -10 vent line with a visible check valve must be in place
- It is highly recommended that your fuel system and your vehicle are grounded during refueling
- Some form of fuel catch can, container must be in place to prevent overflowing fuel from touching the ground.
- Fuel pressure systems must have a 10lb max pressure relief valve on the tank.
- All teams utilizing a pressure system or overhead tower must register with Tech Inspectors so the system may be inspected. The tech department reserves the right to disallow any fueling system deemed unsafe.

**Any team not compliant with any of these rules can be subject to penalty up to and including disqualification.**