

# Division V NATPA Pulling Rules

Effective until 4/2020

## Tractors 1961 and older

**Classes: 3500, 3750, 4000, 4500, 5000, 5500, 6000, 6500, 7500, and 8500#**

**Division V will be designated PINK or PURPLE in the NATPA Color Code System**

1. **GENERAL RULES** – See general rules that apply to all tractors.
2. **AGE:** Drivers must be 16 years of age or older. Those under 18 years of age must have written parental/guardian permission.
3. **SAFETY:** All tractors must have a working safety kill switch. Ladder bars, wide front ends, and use of rev limiters is highly recommend. All Div V tractors will have a 3/8 inch steel plate over the flywheel and clutch housing or a an approved scatter safety blanket may be used. Steel flywheels are highly recommended. (This change was mandated by the safety committee on 7/30/03.) An approved SFI certified safety blanket is required in Divisions 5 and 5+. The installation and fastening method will secure the blanket in place to sustain fragment containment in case of an explosion.
4. **DRAW BAR:** Draw bar must not exceed 20 inches in height or be less than 18 inches from center of axle to hooking point. No part of draw bar may extend rearward beyond point of hook. Draw bars must be stationary in all directions. No clevises. Top of hitch adjuster cannot be above center line of axle or hub. (This wording add as per safety committee on 7/30/03)
5. **WEIGHTS:** Weights must not extend rearward beyond rear tires and cannot be more than 11 feet from the center of the rear axle to the furthest point forward.
6. **TIRES & RIMS:** Tire size maximum 18.4 X 38. Any rim width. No radial tires. No steel lug wheels. Two wheel drive only. No duals. Any cut allowed on tires.
7. **RPM'S:** RPM's allowed will be determined by the NATPA RPM chart. Any tractor not listed will use manufacturers date. A maximum of 30% over stock RPM's will be permitted for each make and model of tractor. No tractor in Division V will be allowed over 3000 RPM's. Specifically, IH 660 will be allowed to run over 2575 RPM's only if it has the 460-560-660 series agricultural block and head

built prior to 1964 and the 660 external planetary axles. Side shields are highly recommended. Enhanced electrical systems permitted in all classes. Rev limiters are allowed. All tractors must have a positive throttle stop with fully operational governor.

8. **SPEED:** 12 mph. Any gear allowed. Shifting of TA's allowed. The 50' marker will also be used as the mark to stop the tractor if driver wishes to restart pull.
9. **ENGINE/CHASSIS:** Tractors must be naturally aspirated. No turbos or blowers - except two stroke GM diesels. **Tractors must have stock frame, transmission, rear ends and axle housing for make and model of tractor being pulled.** Front axles must be safe, sturdy and similar to stock with a stock wheel base. Crank cases must bolt to transmission in a stock appearing manner, be of the same manufacturer as the original crank case, must be the same length as the original crank case and be the same number of cylinders as the original make and model of the tractor. Heads, blocks (jugs), manifolds must be of the same manufacturer as the crank case or that of a recognized replacement manufacturer.
10. **CARBURETOR/MANIFOLD:** Any updraft agricultural type carburetor will be allowed. Diesels must have the injection pump in the stock location. Diesel tractors may be converted to gas as long as they use gas heads and comply with all the other Division V rules.
11. **GIRDLE/DECK PLATE:** Any integral plates, girdles or reinforcement devices that enhance the engine rigidity and improve safety will be allowed. Deck plates can be no thicker than 1" material; girdles can be no thicker than 1" material; spacer plates can be no thicker than 2" combined.
12. **THROTTLE:** Tractor must have a dead mans throttle. (Exception to the rule is a tractor factory equipped with a hand clutch). All tractors must have a positive throttle stop.
13. **GOVERNOR:** Tractor must have a fully functional and operational/working governor.
14. **FENDERS:** All Div. V tractors must have fenders. Fenders must be as high as the tallest part of the rear tire and must support the weight of the driver. There will be a 50 pound weight allowance for fenders.
15. **SEAT: It is mandatory that the tractor be equipped with a high back seat measuring no less than 7 inches from the base of the seat.** (Added as per board meeting of 4/07/17.)