

DEPARTMENT OF TRANSPORTATION

DIVISION OF TRAFFIC OPERATIONS

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Transportation Permits Policy Memorandum

Subject: Minimum Axle Width for Tractor Drive Axles Revised
Date: April 9, 2021
Policy: TPPM 2013-01(Revised)
Reference: CTPAC WG9-101304-001

Objective

This policy will allow for tractor drive axles equipped with new generation wide base single (NGWBS) tires to qualify for straight GREEN and straight PURPLE weights. Axle width for tractor drive axles equipped with NGWBS tires shall be a minimum of 92 inches to qualify for extralegal weight. This policy will supersede TPPM 2013-01, issued on January 9, 2014.

Existing Documentation

Transportation Permits Manual, Chapter 1 GENERAL PROVISIONS

Section 106.4.1 Data Required from Applicant, 13th bullet:

- The maximum axle width measured from the extreme width of the axle or tire on the left side to the extreme width of the axle or tire of the same axle on the right side if extra-legal weight is required. Do not measure load induced tire bulge. Actual measurements are required. Do not "round-off". Axle width shall be a minimum of 96 inches to qualify for extralegal weight except that dollies used in beam and dolly operations may be allowed a proportionate amount of straight purple chart weight.

Transportation Permits Manual, Chapter 3 VEHICLE QUALIFICATION AND INSPECTION

Section 302.1 MINIMUM VEHICLE SIZE:

TPPM 2013-01 (Revised)
Minimum Axle Width for Tractor Drive Axles
April 9, 2021

- Super single tires of a minimum size of 18" x 19.5" are an acceptable substitute for dual tires. The metric equivalent cross section width of 445mm is also acceptable. Tires marked by the manufacturer with a 17.5" cross section width will be treated as 18" tires."

TPPM 2013-01

Transportation Permit Manual Changes

1) *Add the following new section to:*

Section 302.5 Allowable Axle Weight

302.5.9 Minimum Axle Width for Tractor Drive Axles

1. Axle width shall be a minimum of 96 inches to qualify for extralegal weight. The maximum axle width is measured from the extreme width of the axle or tire on the left side to the extreme width of the axle or tire of the same axle on the right side. Do not measure load induced tire bulge. Actual measurements are required, no "rounding-off".
2. Axle width for Tractor Drive Axles equipped with New Generation Wide Base Single (NGWBS) tires shall be a minimum of 92 inches to qualify for extralegal straight GREEN and straight PURPLE weights.
3. Weight Chart Plates 25-4 and 25-5 shall be used for assignment of Tractor Drive Axles equipped with NGWBS tires. Weights are drawn from 8'-0" wide, 4 tires per axle line, and are limited to equipment capacity.
4. For all vehicles equipped with NGWBS tires, the provisions for single wide type tires apply.



April 9, 2021

THOMAS SCHRIBER, CHIEF
Office of Commercial Vehicle Operations

DATE