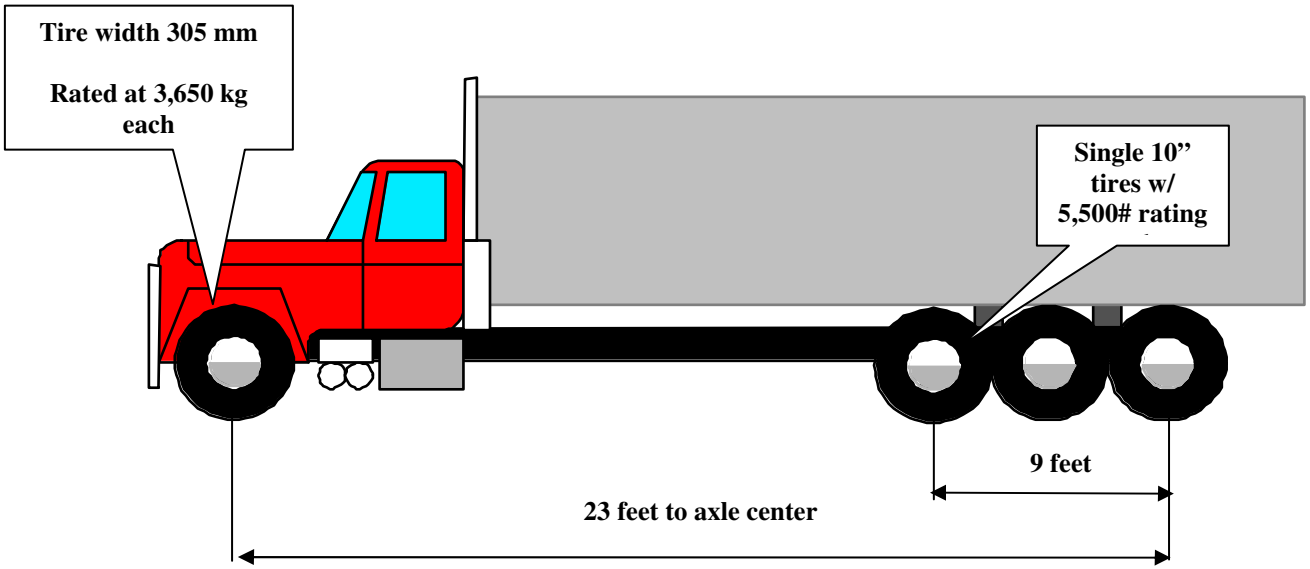

Allowable maximum weight from the weight chart? **57,500 pounds**

Allowable steering weight by size = **14,400 #** weight by rating = **16,060 #**

Allowable rear axle group from the weight chart = **43,000 pounds**

Allowable maximum individual axle weights within **<u>rear 3 axle group</u>** in this example?

1st Weight by size= **10,000 #** 1st Weight by rating = **11,000 #** 2nd & 3rd Axles = **34,000 #**

Actual legal weight on the **rear group**? **43,000 #** (configuration of 44,000 # went over the chart)

Actual legal **truck** gross weight? **57,400 pounds**
(steering axle + rear group)

Note: To convert millimeters (mm) to inches , divide mm by 25.4 = inches

$\frac{\text{mm}}{25.4}$ = inches

example: $\frac{305 \text{ mm}}{25.4}$ = 12 inches

Also: To convert kilograms (kg) to pounds; multiple by 2.2

example: 3,650 kg X 2.2 = 8.030 lbs

Restricted Weights

5 ton road? Steering = **10,000 #** Rear group = **23,889 #**

6 ton road? Steering = **12,000 #** Rear group = **28,667 #**

10% Increase

Maximum gross weight? **63,250 pounds**

Steering axle? **15,840 # (size + 10% is still under the rating)**

Rear axle group (**weight chart** w/ increase)? **47,300 #**

Allowable 10% increase on the **rear group** by axle #1 = **11,000 #** 2nd&3rd Axles = **37,400 #**

Actual legal increase on the **rear group**? **47,300** (configuration of 48,400 went over 10% of weight table)

Actual 10% increased **truck** gross weight? **63,140 pounds**

Registration increase?

Need a transportation permit?

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