

# Competency 3

## Lesson 3.10

### Road Vehicle Load And Size Limits Guide



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# INTRODUCTION

What are the 2 main objectives in **Road Vehicle Load and Size Limits Guide**?



# DEFINITIONS

Regarding the wheelbase of a semi-trailer, how is this **distance measured**?



# DEFINITIONS

What is the **meaning** of GAWR ?

What is the **definition** of GAWR ?

# Symbols

$x < y$  = means that x is less than y

$x > y$  = means x is greater than y

$x < y < z$  = means that y is greater than x and smaller than z

$x \leq y$  = means that x is less than or equal to y

$x \geq y$  = means that x is greater than or equal to y



# DEFINITIONS

How is the **distance** of the **Overhang** (Back Swing) measured?





# DEFINITIONS

What is **the particularity** of an **equivalent tridem** “tri-axle” (group of axles equivalent to a triple axle)?



# MAXIMUM AUTHORIZED DIMENSIONS

What is the **maximum authorized length** of a **truck**?

What is the **maximum authorized length** of a **tractor with semi-trailer**?

What is the **maximum authorized length** of a **double train**?





# MAXIMUM AUTHORIZED DIMENSIONS

What is the maximum authorized **height** of a road vehicle?



# MAXIMUM AUTHORIZED DIMENSIONS

What is the maximum authorized **width** of a road vehicle?



# MAXIMUM AUTHORIZED LOAD BY CLASS OF AXLES

What is the **load capacity** of an axle which belongs to category **B.1** ?



# MAXIMUM AUTHORIZED LOAD BY CLASS OF AXLES

The **maximum permissible load** of an **equivalent tridem** is **reduced** compared to the tridem axle (tri-axle).

What is this **reduction**?

**Thank You  
For Your  
Participation**



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