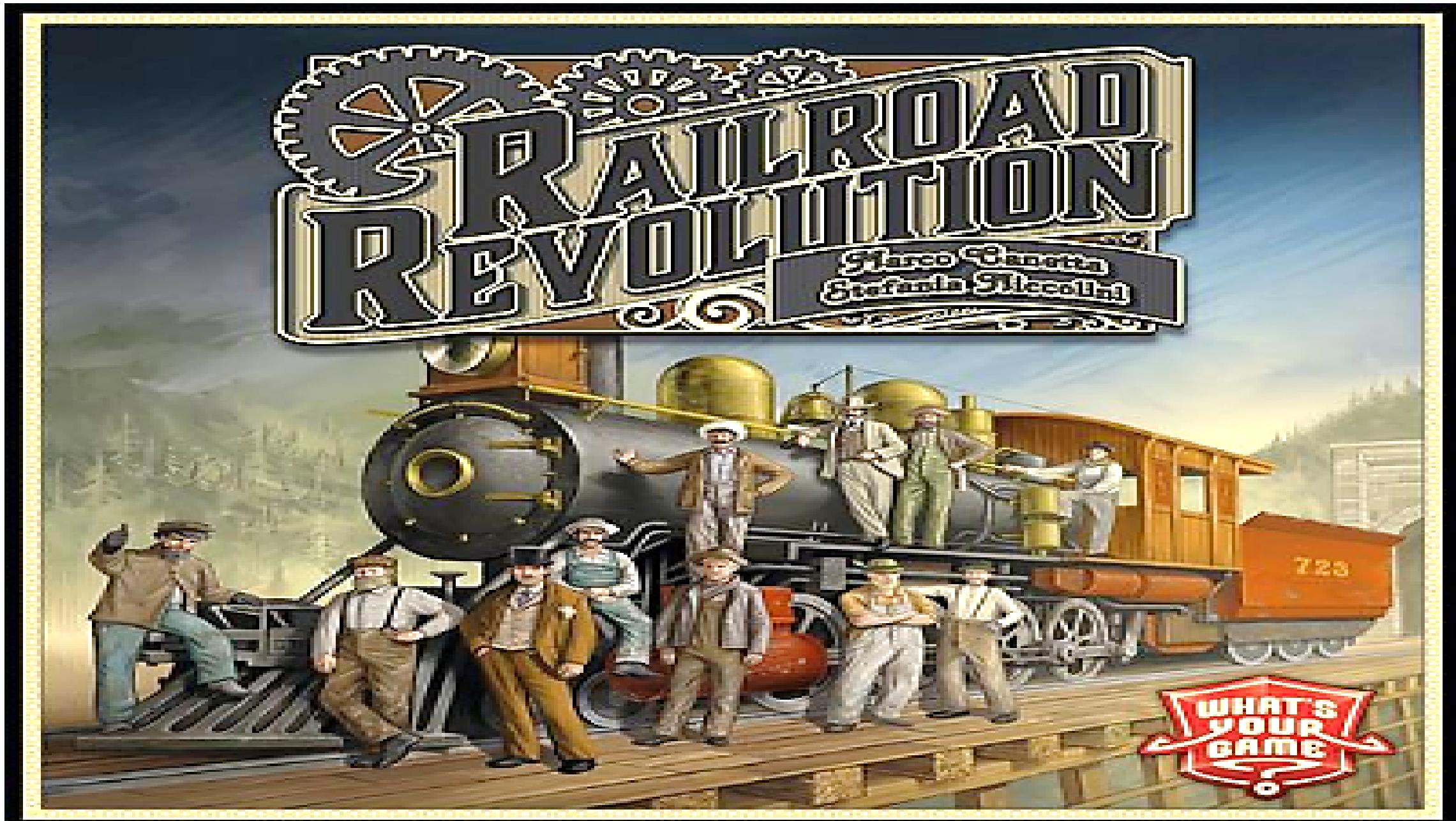


Putting it all together - Implementing in the Real World



A few Simple Rules



If you have a load plan that is not an AAR approved plan and the load is moving on more than one railway, what is required?

- A. Only the serving railway needs to approve the plan,
 - B. No approval required as you drew the plan in Load Xpert,
 - C. Every railway the load will move on must approve the plan,
 - D. Review and approval from your dunnage supplier,
 - E. Only the destination railway needs to approve the plan.
- C. Every railway the load will move on must approve the plan.**



A



B



C



D



E

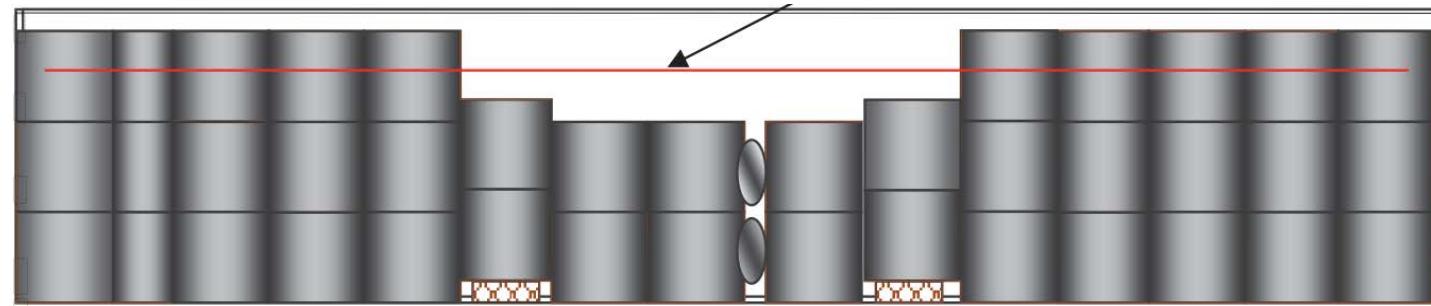


F

What is the correct PSI rating for a level four airbag ?

- A. *8 psi unless otherwise specified by the manufacturer.*
 - B. *As much as needed for the bag to fill the void.*
 - C. *2 to 10 psi depending on the nature of the lading and the level of airbag used.*
 - D. *A and C*
- D. (A). Horizontal application and (C). Vertical application**

Centre of gravity line



- A. You can load above the line if you load through the entire car,
 - B. I am never allowed to load above the line,
 - C. You may be able to load above the line but must do a COG calculation to ensure you have not exceed the center of gravity,
 - D. I can load above the line on the ends of the car as long as I step the load down in the middle of the car keeping the weight on the ends of the car.
- C. You maybe able to load above the line, but must do a COG calculation to ensure you have not exceed the center of gravity.**

In Circular 42-M, General Rules, inspection and selection of cars.

Cars must be inspected by shipper at loading point to verify that cars are in suitable condition to carry load safely to destination. Cars must have sound roofs, sides, floors, and end walls; and operable, snug-fitting doors.

What is the maximum number of fillers that can be used in any one lengthwise void, including at the end walls ?

Three

The AAR's Closed Car Loading Guides outline the minimum standards, so additional measures may be needed and/or dictated by the servicing railroads.

True or False

True

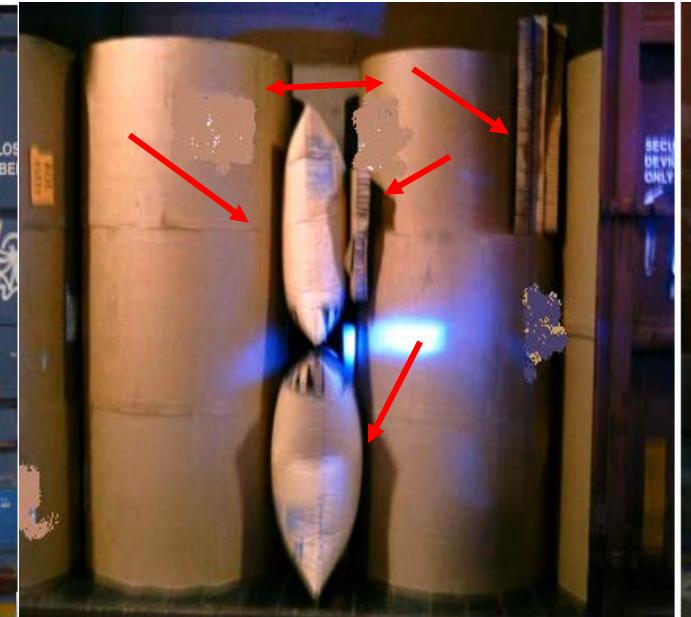
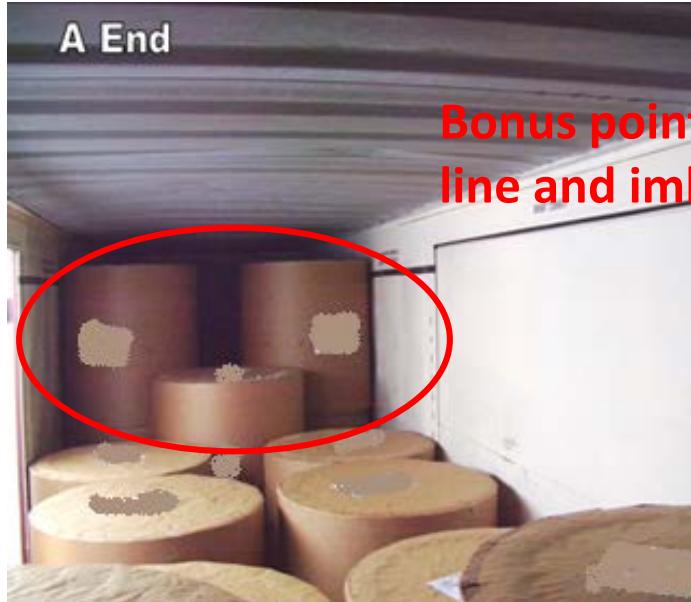
The loading methods in individual closed car loading publications issued by AAR's Damage Prevention and Loading Services **are minimum standards** that have been evaluated and approved by the AAR Damage Prevention and Freight Claim Committee. The minimum standards offer practical guidelines on the subjects covered. Because these are minimum standards, **it may be necessary to supplement the methods** in some instances. **In addition, each carrier may have its own requirements.** Contact your origin carrier for more information.

Which one is not a method of doorway protection ?

- A. *Steel strapping*
 - B. *Inset doorway loading*
 - C. *Air Bags*
 - D. *Rubber Mats*
- C. *Airbags on their own are not a method of doorway protection.***

**What is the correct size square riser for a
58" diameter roll ?**

40 x 40 Square Riser



An AAR GIS

- A. *Cancels the CCLG,*
- B. *Is a new load option,*
- C. *Is an update to a specific item from the CCLG,*
- D. *B and C,*
- E. *A, B and C.*

D. B and C.

Securing Incomplete layers of paper rolls

- A. *With blocking rolls by 25% or 50% depending on the roll width vs diameter,*
- B. *With 6 in. minimum blocking rolls and unitizing or anchored straps,*
- C. *Without blocking rolls, with anchored straps or and unitizing,*
- D. *As specified by a specific load plan,*
- E. *A, B and C.*

E. A, B and D

What is the AAR maximum height allowed for a laminated riser?

24 inches, unless specified by a specific load plan.

What is the formula for choosing the appropriately sized airbag for a horizontal application?

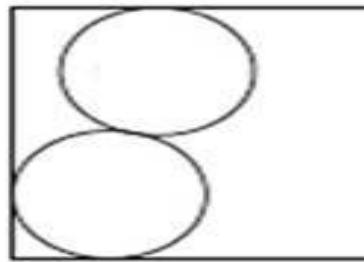
- A. *6 inches narrower than the width of the car,*
- B. *The sum of the roll diameters,*
- C. *Twice the roll diameter + 6 inches,*
- D. *Equal to the interior width of the railcar,*
- E. *Twice the roll diameters + 12 inches.*

C. *Twice the roll diameter + 6 inches.*

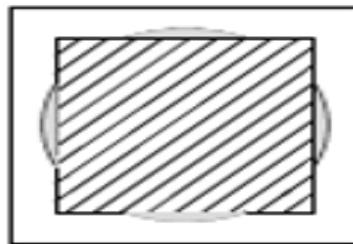
Where in a rail car can you place a riser between roll layers ?

Nowhere, never place any dunnage between layers of rolls.

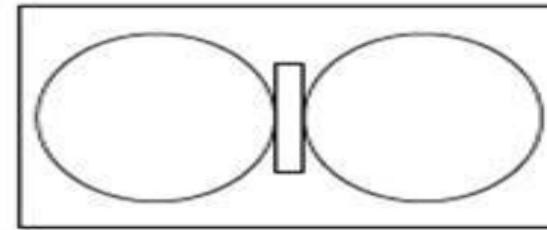
Match the drawing to the correct explanation



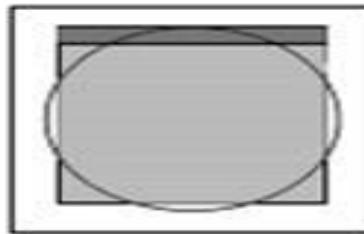
C



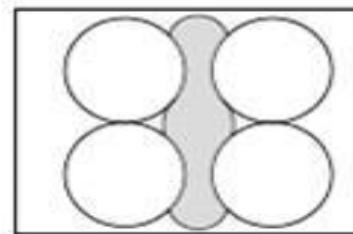
E



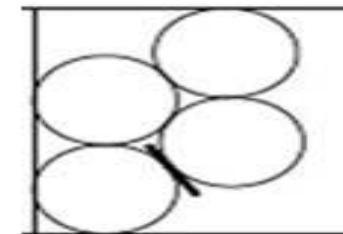
D



B



A



F

- A. *Horizontal airbag*
- B. *Rubber mat on floor roll with outer edge folded (2 in. minimum)*
- C. *1-1 Offset*
- D. *Filler between rolls*
- E. *Rubber Mat between stacked rolls*
- F. *2-2 Offset*



TIS SO!



TIS NOT!

**What is the AAR minimum required crush strength
for a lengthwise void filler ?**

2250 PSF

**What is the replacement ratio for strapping
when switching from steel to nonmetallic ?**

*As indicated by a specific load plan or in accordance
to the strap substitution table found on the AAR
website.*

What is the minimum airbag length that can be used next to a 58 in. diameter 90 in. width roll and why?

- A. *Airbags installed horizontally should be at least 6 inches greater than twice the diameter,*
 - B. *Horizontal application, airbags have to be at least 2/3's the height of the adjacent stacks,*
 - C. *Vertical application, airbags have to be at least 2/3's the width of the roll the airbag must be at least 60 inches long.*
 - D. A and C
- C. *Vertical application, airbags have to be at least 2/3's the width of the roll, the airbag must be at least 60 inches long.***

You are required to apply doorway protection measures only to the door through which you are loading.

True or False and Why

False

The side from which you load the car at origin may not be the same side from the customer unloads the car at destination. When there is the possibility of lading falling or rolling out of doorway or coming in contact with sliding side doors [on both sides of the car], the opening must be protected. Cars equipped with plug doors loaded with cylindrical items such as rolls of paper or drums require doorway protection unless specifically exempted by applicable commodity pamphlets.

YOU REALIZE THAT NOTHING
IS AS CLEAR AND SIMPLE
AS IT FIRST APPEARS.
ULTIMATELY, KNOWLEDGE
IS PARALYZING.

