

Basic Equipment Required on All Trailers

	DESCRIPTION				MANDATORY REQUIREMENTS		
	Equipment	(SAE Lens Coding)	Functional Purpose	QTY	Color	Location	Height (in.) From Ground
1	Tail Lamps	(T)	Indicate vehicle presence & width	Min 2	Red	On the rear - symmetrical - as far apart as practicable	15"- 72"
	Stop Lamps	(S)	Indicate braking	Min 2	Red		15"- 72"
	Rear Turn Signal Lamps	(I)	Indicate direction of turn	Min 2	Red/ Amber		15"- 83"
	Rear Reflex Reflectors	(A)	Indicate vehicle presence & width	Min 2	Red		15"- 60"
2	License Plate Lamps	(L)	Illuminate license plate	Min 1	White	On the rear - above or at the sides of license plate	No requirement
3	Rear Side Marker Lamps	(P2, PC* or P3, PC2*)	Indicate vehicle presence & length	Min 2	Red	Each side at rear - as far back as practicable	15"- 60" (no max. for vehicles under 80" wide)
	Rear Side Reflex Reflectors	(A)		Min 2	Red	Each side at rear - as far back as practicable facing sideward	15"- 60"
4a	Front Side Marker Lamps	(P2, PC* or P3, PC2*)	Indicate vehicle presence & length	Min 2	Amber	Each side at front - as far forward as practicable	15" minimum
4b	Front Side Reflex Reflectors	(A)		Min 2	Amber	Each side at front - as far forward as practicable facing sideward	15"- 60"

*Photometrically certified at installation angle

Length - 30' or longer

	DESCRIPTION				MANDATORY REQUIREMENTS		
	Equipment	(SAE Lens Coding)	Functional Purpose	QTY	Color	Location	Height (in.) From Ground
5a	Intermediate Side Marker Lamps	(P2 or P3)	Indicate presence of long vehicle	Min 2	Amber	Each side near center - Facing Sideward	15" minimum
5b	Intermediate Side Reflex Reflectors	(A)	Indicate presence of long vehicle	Min 2	Amber		15"- 60"

Width - 80" or wider

	DESCRIPTION				MANDATORY REQUIREMENTS		
	Equipment	(SAE Lens Coding)	Functional Purpose	QTY	Color	Location	Height (in.) From Ground
6	Rear Clearance Lamps	(P2, PC* or P3, PC2*)	Shows veh. width- MAY NOT be combined with tail lamps	Min 2	Red	At widest point - symmetrical - on or near the rear - facing Rearward	15" minimum
7	Rear Identification Lamps	(P2 or P3)	Indicate Presence of Long Vehicle	Exactly 3	Red	On the rear - center, facing rearward - horizontally spaced 6"- 12" apart	15"- 60"
8	Front Clearance Lamps	(P2, PC* or P3, PC2*)	Show Vehicle's Width	Min 2	Amber	At widest point - symmetrical - as far forward as practicable - facing forward	As high as practicable

*Photometrically certified at installation angle

Width - 80" or wider AND GVWR of 10,000 lbs or MORE

DESCRIPTION		MANDATORY REQUIREMENTS				
Conspicuity Treatment	DOT Coding	QTY	Color	Location	Height (in.) From Ground	Options
9 Rear Upper Body Marking	DOT-C, DOT-C2, DOT-C3, DOT-C4	Exactly 2 pairs of 300mm (11.8") long strips	White	On the rear upper corners - facing rearward	At the top	Rear lower body and side conspicuity treatment may also be solid white, solid amber, or white and amber.
10 Bumper Bar Marking		Continuous	Red/White	On the rear bumper bar's horizontal element - full width - facing rearward	No requirement	
11 Rear Lower Body Marking		Continuous	Red/White (see options)	On the rear - full width of the vehicle - facing rearward	As horizontal and as close to the range of 15"- 60" from ground as practicable	
12 Side Marking		see location	Red/White (see options)	Each side - facing sideward - continuous, or evenly spaced over minimum of 50% of length, starts and ends as close to the front and rear of vehicle as practicable		

- Reflex reflectors may not be required if they are replaced, in their required location, with conspicuity treatment (Optional in Canada).

