

# Brifen Inspection Form

Inspection Date	
Client	
Project Reference	
Fence Reference	
Name of Inspector	
Company	

End Terminals		
Yes	No	The concrete footing is reinforced and a minimum 150mm thick, 32Mpa strength.
Yes	No	The top of the anchor plate is level with the top of the concrete anchor block.
Yes	No	The anchor plate is aligned with the centreline of the downstream barrier.
Yes	No	Each end fitting is secured to the anchor plate with two (2) nuts and one (1) washer.
Yes	No	There are least three (3) threads of the end fitting showing through the locking nut.
Yes	No	Terminal Post #1 is 4000mm from the anchor bracket.
Yes	No	Terminal Post #2 is 4000mm from Terminal Post #1.
Yes	No	Terminal Post #3 (Deflection Post) is 3200mm from Terminal Post #2.
Yes	No	The ropes are terminated at the anchor in the correct orientation as per SD drawings.
Posts		
Yes	No	The w-beam guardrail is secured to each post using a M16 bolt & nut.
Yes	No	The Line Posts are spaced as per project requirements.
Yes	No	The top of each concrete footing is not more than 75mm above ground line.
Yes	No	Each post is installed in a post socket.
Yes	No	The top of each post socket is $\pm$ 25mm to the ground line.
Yes	No	Each post is fitted with a ground cover.
Yes	No	Each rope is secured at each Line Post with a retainer clip.
Yes	No	A cap is installed on each post.
Yes	No	Delineation has been attached to the post caps as per project requirements.

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Ropes		
Yes	No	The ropes are free of damage or kinks.
Yes	No	Each rope weaves between successive posts.
Yes	No	The bottom rope height is 355mm ± 25mm.
Yes	No	The 2nd from bottom rope height is 530mm ± 25mm.
Yes	No	The 3rd from bottom rope height is 710mm ± 25mm.
Yes	No	The top rope height is 890mm ± 25mm.
Yes	No	Each rope is tensioned as required.
Rigging Screws		
Yes	No	Rigging screws are spaced at not more than 300m apart.
Yes	No	There are no rigging screws located within the terminal section.
Yes	No	At least 25mm of each end fitting thread is secured within the rigging screw.
General		
Yes	No	There are no obstructions near the installation that may affect safe vehicle containment and redirection.

Comments/Notes

