

MSKT Inspection Form

Project Reference	
Location	
Name of Inspector	
Date	

<input type="checkbox"/>	The height measured to the top of the terminal rails is 790mm ± 20mm.
<input type="checkbox"/>	The rails throughout the terminal are straight and not curved.
<input type="checkbox"/>	The 1st rail is the 3810mm anchor rail containing horizontal slots.
<input type="checkbox"/>	The anchor rail is not secured to post 1.
<input type="checkbox"/>	The anchor rail is secured to post 2 with a M16 x 32mm mushroom head bolt & nut.
<input type="checkbox"/>	The anchor rail is spliced at post 3 with subsequent terminal rails spliced mid-span between posts.
<input type="checkbox"/>	All rails are spliced with eight (8) M16 x 32mm mushroom head bolt & nuts.
<input type="checkbox"/>	The rail lap is orientated so that the leading edge of the splice is shielded from approaching traffic.
<input type="checkbox"/>	Hinged post 1 is bolted on the upstream side of the post with a M16 x 220mm bolt/nut & 2 washers.
<input type="checkbox"/>	Hinged post 2 is bolted on the downstream side of the post with a M20 x 220mm bolt/nut & 2 washers.
<input type="checkbox"/>	Bottom posts 1 and 2 do not protrude more than 100mm above the ground line.
<input type="checkbox"/>	Top post 2 is orientated with the open slot to receive the post bolt on the upstream side of the post.
<input type="checkbox"/>	The posts throughout the terminal section are spaced at 1905mm centres.
<input type="checkbox"/>	200mm blocking pieces are attached to the steel line posts at post locations 3 and beyond.
<input type="checkbox"/>	The rail is secured to the steel line posts with a 5/8" x 10" mushroom head bolt & nut.
<input type="checkbox"/>	The protruding tube on the impact head is positioned on the non-traffic side of the system.
<input type="checkbox"/>	The impact head is secured to post 1 with two (2) M8 x 25mm bolt/nut & 2 washers.
<input type="checkbox"/>	The bearing plate at post 1 is correctly aligned with the 125mm dimension up and the 75mm down.
<input type="checkbox"/>	The cable anchor bracket is properly secured to the anchor rail using the special shoulder bolts.
<input type="checkbox"/>	The cable assembly is taut and a retainer is fitted to the bearing plate.
<input type="checkbox"/>	A ground strut is secured between post 1 and 2 using the M16 x 220mm bolt/nut & 2 washers at post 1 and a M20 x 220mm bolt/nut & 2 washers at post 2.
<input type="checkbox"/>	All bolts are tightened.
<input type="checkbox"/>	The fill material around the posts is suitably compacted.
<input type="checkbox"/>	Any minor damage to the galvanised finish is repaired using two coats of an organic zinc rich pain.
<input type="checkbox"/>	A cover is attached to the impact head (if required).
<input type="checkbox"/>	Delineation is attached to the impact head.

