SafeDirection
CRASH BARRIER SOLUTIONS

RHINO-STOP® Sky-Edge Inspection Form

Inspection Date	
Client	
Project Reference	
Name of Inspector	
Company	

☐ Yes ☐ No	The concrete footing is reinforced and a minimum 150mm thick, 32Mpa strength.
☐ Yes ☐ No	The concrete footing is free from defects and cracks.
☐ Yes ☐ No	The post anchor holes are positioned with a minimum 190mm concrete edge distance.
☐ Yes ☐ No	Anchor holes have been drilled using a 20mm masonry drill bit to depths as shown on Safe Direction drawings.
☐ Yes ☐ No	Anchor holes are thoroughly cleaned in accordance with procedure set out by the bolt manufacturer.
☐ Yes ☐ No	Post spacing does not exceed 2.0m.
☐ Yes ☐ No	Each installation is supported by a minimum three (3) posts.
☐ Yes ☐ No	Each post is secured with one (1) M20 FBN II galvanised anchor to depths as shown on Safe Direction drawings.
☐ Yes ☐ No	Top of anchor bolts should not be cut – this is so compliant embedment depth can be verified after installation.
☐ Yes ☐ No	Each anchor is tightened to 200Nm.
☐ Yes ☐ No	The w-beam guardrail is secured to each post with one (1) M16 bolt & nut.
☐ Yes ☐ No	Each w-beam guardrail is spliced together using eight (8) M16 x 32mm mushroom head bolt & nuts.
☐ Yes ☐ No	Any cuts to the galvanised components have been treated with a zinc rich paint.
☐ Yes ☐ No	The area around the system is clean and free from debris.
☐ Yes ☐ No	The area around the system is clean and free from debris.

Applies to RHINO-STOP® Sky-Edge Type 2, 3, 4, 5 & 6 only.

☐ Yes ☐ No	Each handrail extension is secured to the post with two (2) M16 bolts & nuts.
☐ Yes ☐ No	The handrail pipe passes through the loop of each handrail extension and is secured with one (1) tek screw.
☐ Yes ☐ No	Pipe sections are joined using sleeve connectors.
☐ Yes ☐ No	Pipe sections are terminated with end caps.

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RHINO-STOP® Sky-Edge Inspection Form

Applies to RHINO-STOP® Sky-Edge Type 4 & 6 only.

☐ Yes ☐ No	The bottom support angle and mesh panel is secured to the base of each post with two (2) M8 cup head bolts, nuts & mesh washers.
☐ Yes ☐ No	The top support angle and mesh panel is secured to the handrail extension with two (2) M8 cup head bolts, nuts & mesh washers.
☐ Yes ☐ No	Joins in the mesh support angle (top & bottom) are positioned at a post/handrail extension location.
☐ Yes ☐ No	Starting at the edge, the mesh panels are secured to the top and bottom support angles with M8 cup head bolts, nuts & mesh washers, spaced at maximum 500mm centres.
☐ Yes ☐ No	Starting at the edge, the mesh panels are secured to the upper and lower corrugation of the w-beam rails with self-drilling screws & mesh washers, spaced at maximum 500mm centres.
☐ Yes ☐ No	The mesh panels are joined together with 2 off galvanised tie wires, 3mm diameter.
☐ Yes ☐ No	At the end of the system, the edge of the mesh panel is shielded with an offcut of equal angle and secured as shown on Safe Direction drawings.
☐ Yes ☐ No	There are no gaps in the system greater than 120mm.

The above checklist applies to the installation of RHINO-STOP® Sky-Edge using Fischer FBN II galvanised anchors (supplied by Safe Direction).

Comments/Notes