## EVOLUTION

| Contact Details  |                   |   |  |  |  |                                 |                              |            |          |  |  |  |
|--|-------------------|---|--|--|--|---------------------------------|------------------------------|------------|----------|--|--|--|
| Project:   |                   |   |  | Contact:   |  |                                 |                              |            |          |  |  |  |
| Address:   |                   |   |  | Mobile:  |  |                                 |                              |            |          |  |  |  |
| Run Number:  |                   |   | Locat  | tion Descrip   | otion:   |                                 |                              |            |          |  |  |  |
|  |                   | Se                                      | t out, Instr   | ruction, Issu  | es, confirmation (Circle   | e)                              |                              |            |          |  |  |  |
| Start and  | d Finish Poin     | ts Located?                             | Yes  | No   | Did services affect the installation?  |                                 |                              | Yes        | No       |  |  |  |
| F  | ace of Barrie     | er Located?                             | Yes  | No   | Did rock affect the i  | ect the installation (drilled)? |                              | Yes        | No       |  |  |  |
| Service Loca   | ition works o     | completed?                              | Yes  | No   | Are fixed tie in points at the correct height?   |                                 | Yes                          | No         |          |  |  |  |
| Servio   | ces clearly m     | narked out?                             | Yes  | No   | (Concrete Barriers, Bridge Barrier, etc)   |                                 |                              | 103        | 110      |  |  |  |
|  |                   |   |  | Quantitie  | s Installed  |                                 |                              |            |          |  |  |  |
| Intermediate Ba  | arrier            | •                                       | Terminals  |  | Motorcycle Protection  |                                 | Additionals                  |            |          |  |  |  |
| Ezyguard 4/S   |                   | ET-SS                                   | TL2  |  | Hiasa Rubrail  |                                 | Deline                       | eators     |          |  |  |  |
| Ezyguard HC  |                   | ET-SS TL3                               |  |  | Ingal MPR  |                                 | Direction                    | al Decals  |          |  |  |  |
| Ramshield  |                   | MSKT TL2                                |  |  | Bikershield  |                                 |                              |            |          |  |  |  |
| Ramshield HC   |                   | MSKT TL3                                |  |  | ET2000 Cover   |                                 | Rocke                        | etbloc     |          |  |  |  |
| G4 (Public Domain)   |                   | Terminal                                |  |  | ET-SS Cover  |                                 |                              | -Lift      |          |  |  |  |
| G9 (Public Domain)   |                   | Terminal                                | 2 (DET)  |  | MSKT Cover   |                                 | Abrahar                      |            |          |  |  |  |
| Ezyguard LDS   |                   | Transition                              | ι- /   |  | Ezy Post Caps  |                                 | Trend I                      |            |          |  |  |  |
| Ramshield Edge   |                   | Transition                              |  |  | Ramshield Post Cap   |                                 | X-Tensio                     |            |          |  |  |  |
|  |                   | Ingal                                   | RBT  |  | Terminal Post Caps   |                                 | Ezy Bridg                    | e Barrier  |          |  |  |  |
|  |                   |   | Bas  | eplated (BP  | ), Drilling, Misc  |                                 |                              |            |          |  |  |  |
| We   | re any posts      | baseplated?                             | How many   | y and what   | type   |                                 |                              |            |          |  |  |  |
| Wer  | e any posts       | drilled? How                            | many, diar   | metre and d  | Were any posts drilled? How many, diametre and depth   |                                 |                              |            |          |  |  |  |
| Inspection and Test Results  |                   |   |  |  |  |                                 |                              |            |          |  |  |  |
|  |                   |   | In   | spection an  | -  |                                 |                              |            |          |  |  |  |
| Testing  | Activity          |   | In   |  | -  | Pass/Fail                       |                              | Comments   |          |  |  |  |
| Testing Post heights   | Activity          |   |  | Process o  | d Test Results   | Pass/Fail                       |                              | Comments   |          |  |  |  |
|  | Activity          |   | Check with   | Process of tape at reg   | d Test Results<br>of activity  | Pass/Fail                       |                              | Comments   |          |  |  |  |
| Post heights   | -                 | (                                       | Check with   | Process of<br>tape at reg<br>level at reg  | d Test Results of activity ular intervals  | Pass/Fail                       |                              | Comments   |          |  |  |  |
| Post heights Post Verticallity   | -                 | ]                                       | Check with<br>Check with<br>Does it flow   | Process of<br>tape at reg<br>level at reg<br>wwith traffic   | d Test Results of activity ular intervals ular intervals   | Pass/Fail                       |                              | Comments   |          |  |  |  |
| Post heights Post Verticallity Rail directional lapping  | -                 | ]                                       | Check with<br>Check with<br>Does it flow<br>Check with   | Process of<br>tape at reg<br>level at reg<br>with traffic<br>tape at reg   | d Test Results of activity ular intervals ular intervals c? Check supplier   | Pass/Fail                       |                              | Comments   |          |  |  |  |
| Post heights Post Verticallity Rail directional lapping Rail heights   | 3                 | ]<br>)<br>)                             | Check with<br>Check with<br>Does it flow<br>Check with<br>Shake test (   | Process of<br>tape at reg<br>level at reg<br>v with traffic<br>tape at reg<br>or physically  | d Test Results  of activity  ular intervals  ular intervals  c? Check supplier  ular intervals   | Pass/Fail                       |                              | Comments   |          |  |  |  |
| Post heights Post Verticallity Rail directional lapping Rail heights Rail and Post Bolts   | 3                 | )<br>()<br>()                           | Check with<br>Check with<br>Does it flow<br>Check with<br>Shake test of<br>Check sittin  | Process of<br>tape at reg<br>level at reg<br>v with traffic<br>tape at reg<br>or physically  | d Test Results of activity ular intervals ular intervals c? Check supplier ular intervals v check each bolt and secured  | Pass/Fail                       |                              | Comments   |          |  |  |  |
| Post heights Post Verticallity Rail directional lapping Rail heights Rail and Post Bolts Terminal Impact Head  | 3                 | (C)                                     | Check with<br>Check with<br>Does it flow<br>Check with<br>Shake test of<br>Check sittin<br>Check has b<br>Visual inspe   | Process of<br>tape at reg<br>level at reg<br>with traffic<br>tape at reg<br>or physically<br>ng correctly<br>been tighter<br>ection, stay  | d Test Results of activity ular intervals ular intervals c? Check supplier ular intervals y check each bolt and secured ned within tolerances  | Pass/Fail                       |                              | Comments   |          |  |  |  |
| Post heights Post Verticallity Rail directional lapping Rail heights Rail and Post Bolts Terminal Impact Head Terminal Anchor Cable  | 3                 | ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( (   | Check with<br>Check with<br>Does it flow<br>Check with<br>Shake test of<br>Check sittin<br>Check has by<br>Visual inspe  | Process of<br>tape at reg<br>level at reg<br>with traffic<br>tape at reg<br>or physically<br>ng correctly<br>been tighter<br>ection, stay<br>ecord back  | d Test Results of activity ular intervals ular intervals c? Check supplier ular intervals / check each bolt and secured ned within tolerances page   | Pass/Fail                       |                              | Comments   |          |  |  |  |
| Post heights Post Verticallity Rail directional lapping Rail heights Rail and Post Bolts Terminal Impact Head Terminal Anchor Cable Up/Down Smoothing Batch Numbers Compromised Galvanis   | 25                | ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) | Check with Check with Does it flow Check with Shake test of Check sittin Check has by Visual inspected and Read and Rold Gal Sp  | Process of<br>tape at reg<br>level at reg<br>with traffic<br>tape at reg<br>or physically<br>ag correctly<br>been tighter<br>ection, stay<br>ecord back<br>way to any a  | d Test Results of activity ular intervals ular intervals c? Check supplier ular intervals v check each bolt and secured ned within tolerances page ureas needed  | Pass/Fail                       |                              | Comments   |          |  |  |  |
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| Post heights Post Verticallity Rail directional lapping Rail heights Rail and Post Bolts Terminal Impact Head Terminal Anchor Cable Up/Down Smoothing Batch Numbers Compromised Galvanis Directional Decals Delineation (Type) Delineation (Direction) Delineation (Spacing) Housekeeping I confirm that the a | sing ) bove works | ( C C C C C C C C C C C C C C C C C C C | Check with Check with Check with Check with Check sittin Check has b Visual inspected and R Cold Gal Sp Check facin Delineators Facing towa Correct spa Vour waste Installed in a  | Process of tape at reg level at reg with traffic tape at reg or physically ag correctly been tighter ection, stay ecord back aray to any a g correct was correct column and traffic? Incing? Check, rubbish, exaccordance was accordance was accordanc | d Test Results  of activity  ular intervals  ular intervals  c? Check supplier  ular intervals  v check each bolt  and secured  ed  within tolerances  page  ureas needed  ay and clean  our?  c MRTS14  kcess material  with main or local road | authority sp                    | ecifications<br>y Diary docu | and manufa | acturers |  |  |  |

## EVOLUTION

| Barrier measurements and tolerances (INFORMATION SHEET) |                    |             |                  |                |            |  |
|---|--------------------|-------------|------------------|----------------|------------|--|
| Product   | Post Type          | Post Height | Height Tolerance | Rail Lap       | Rail Type  |  |
| Ezyguard 4  | 1650mm Z Post      | 777mm       | +25/-50mm        | Traffic Flow   | W-Beam     |  |
| Ezyguard HC   | 2000mm Z Post      | 970mm       | ±20mm            | Traffic Flow   | Thrie-Beam |  |
| Ezyguard LDS  | 2000mm Z Post      | 970mm       | ±20mm            | Traffic Flow   | Thrie-Beam |  |
| Ramshield   | 1560mm C Post      | 750mm       | ±20mm            | Traffic Flow   | W-Beam     |  |
| Ramshield HC  | 1860mm C Post      | 970mm       | ±20mm            | Traffic Flow   | Thrie-Beam |  |
| Ramshield Edge  | 1860mm C Post      | 970mm       | ±20mm            | Traffic Flow   | Thrie-Beam |  |
| G4 (Public Domain)                                      | 1850mm C Post      | 750mm       | ±10mm            | Traffic Flow   | W-Beam     |  |
| G9 (Public Domain)                                      | 2150mm C Post      | 845mm       | ±10mm            | Traffic Flow   | Thrie-Beam |  |
| ET-SS TL2   | 1830mm I Beam      | 813mm       | ±20mm            | As an Approach | W-Beam     |  |
| ET-SS TL3   | 1830mm I Beam      | 813mm       | ±20mm            | As an Approach | W-Beam     |  |
| MSKT TL2  | 1830mm I Beam      | 810mm       | ±20mm            | Traffic Flow   | W-Beam     |  |
| MSKT TL3  | 1830mm I Beam      | 810mm       | ±20mm            | Traffic Flow   | W-Beam     |  |
| Max-Tension TL2   | 1830mm I Beam      | 810mm       | Not Specified    | Traffic Flow   | W-Beam     |  |
| Max-Tension TL3   | 1830mm I Beam      | 810mm       | Not Specified    | Traffic Flow   | W-Beam     |  |
| X350  | 1830mm I Beam      | 750mm       | ±10mm            | As an Approach | W-Beam     |  |
| Terminal 1 (Melt)                                       | 1850mm I and C Mix | 750mm       | ±10mm            | Traffic Flow   | W-Beam     |  |
| Terminal 2 (DET)  | 1850mm C Posts     | 750mm       | ±10mm            | Traffic Flow   | W-Beam     |  |
| Transition 1 (8m)                                       | 2150mm C Posts     | 845mm       | ±10mm            | Traffic Flow   | Thrie-Beam |  |
| Transition 2 (6m)                                       | 2150mm C Posts     | 845mm       | ±10mm            | Traffic Flow   | Thrie-Beam |  |
| Ingal RBT   | 1830mm I Beam      | 852mm       | Not Specified    | Traffic Flow   | Thrie-Beam |  |

| Motorcycle Protection Products |                               |                 |              |               |  |  |
|--------------------------------|-------------------------------|-----------------|--------------|---------------|--|--|
| Product                        | Roadsurface to bottom of rail | Rail Height     | Rail Lap     | Supplier      |  |  |
| Hiasa Rubrail                  | Not Specified                 | Gov by top rail | Traffic Flow | SafeDirection |  |  |
| Ingal MPR                      | 60mm ±20                      | =350mm          | Traffic Flow | Ingal         |  |  |
| Bikershield                    | 30mm (Nom)                    | Gov by top rail | Traffic Flow | SafeDirection |  |  |
|                                |                               |                 |              |               |  |  |

## **EVOLUTION**

| Contact Details                                     |                 |                          |          |                          |                         |  |
|---|-----------------|--------------------------|----------|--------------------------|-------------------------|--|
| Project:  |                 |                          | Contact: |                          |                         |  |
| Address:  |                 |                          | Mobile:  |                          |                         |  |
| Run Number:   |                 | Location Descrip         | otion:   |                          |                         |  |
| Set out, Instruction, Issues, confirmation (Circle) |                 |                          |          |                          |                         |  |
|   | Design & Height | et out, matruction, isse |          | ibers - Should match ste | el certificates         |  |
| Barrier Layout                                      | Post Height     | Post Verticality (√)     | Rail     | Post                     | Block (If Applicable)   |  |
| Barrier Layout                                      | 1 ost Height    | 1 ost verticality (v)    | - Null   | 1 030                    | Block (II / tppiledbic) |  |
|   |                 |                          |          |                          |                         |  |
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|   | Sign            | ature                    |          | D                        | ate                     |  |
| ECM Leading Hand / /                                |                 |                          |          |                          |                         |  |