



Operations & Maintenance Manual



Permanent Guardrail System

Operations & Maintenance Manual

Client:			
Site:			
Date:			
Index			Page
1.	Manuals		
	1.1	Technical Description / Scope of Works	2
	1.2	Sub-Contractor Details	2
	1.3	Design Parameters	2
	1.4	General Erection	2
	1.5	Manufacturer Details	3
	1.6	Technical Literature	3
	1.7	Test Certificates / Conformity	3
	1.8	Maintenance	4
	1.9	Handover Certificate	4
	1.10	Safety	4
	1.11	Safety Equipment	5
2.	COSH	H Reports	
	2.1	Data Sheets	5
3.	Drawi	ings	
	3.1	Drawing Register	5



Operations & Maintained Manual "MEDGUARD"

1. Manuals

1.1 Technical Description / Scope of Works

Installation of permanent freestanding guardrail system consisting of galvanised Steel tube and uprights. The standard bases of the uprights are 150mmx750mm 1150mmx20mm galvanised steel plate with sockets welded to the surface for Location of uprights. Ribbed rubber EPDM fluted mats are placed on the underside Of each base prior to install for the elimination of heat/cold transfer from the Metal to the roof membrane.

Welded sockets mounted at the top of the uprights and 500mm from the top locate The horizontal rails, the horizontal rails sit and finish within the sleeved socket making The system modular with less components required for joining horizontal rails and Improves the aesthetic look of the system.

1.2	Sub-Contractor Details.
1.3	Design Parameters
	Propriety system designed by Roof Safety Supplies

1.4 General Erection

The position of the proposed guardrail is identified with the bases being set out at A maximum 3000mm centres. Once bases have been set out slide upright leg into Base and fasten grub screw. Insert tube through top fastening cleat and slide through Level rail using spirit level. Repeat this action around designated area.

All operatives concerned will use a harness and safety line security attached to a mobile Man anchor.

If at any point the public or other operatives should have to proceed under the operatives At work, Operatives shall cease work until area below is in safe working condition and At no risk to any of the public. Prior to starting the erection of the system you should Endeavour to isolate the areas below the guardrail installation.



List of Manufacturers 1.5 **Roof Safety Supplies** Tel: Email: Contact: 1.6 **Technical Literature** Uprights Posts 48.3 o/d x 3.2mm thick mild steel to BS7613 6.3kg Cleats 60.3 o/d x 3.2mm thick mild steel to bs7613 Galvanised to BS729 750mmx150mmx20mm mild steel to BS7613 **Bases** 19Kg 1150mmx150mmx20mm mild steel to BS7613 28.4kg Spigot 60.3 o/d x3mm thick mild steel to BS7613 Galvanised to BS729 Tube 48.3 o/d x 3.2mm thick mild steel to BS7613 2500mm length 10.2kg - 3000mm length 13kg Galvanised to BS729 Mats Self-Adhesive, Non-Degradable Prevents heat build-up to 100c Technical detail upon request Wall Plate (4no holes per plate / set drill depth gauge to 50mm **Fittings** Drill 7mm diameter hole raw plug and fasten with 50mm Stainless steel screw. All fittings are PIPE CLAMP and are TUV approved 1.7 Test Certificates / Conformity MEDGUARD permanent freestanding guardrail system has been tested at the Loughbourgh University Enterprises Limited – Project Number......

MEDGUARD permanent freestanding guardrail systems conforms to the following

Passed for Class A freestanding for: - 2.47m & 3.0m base spacing's up to 10 degrees

o BS6399 Part 2 wind loadings – 1995 Specific Design

- HSG Safety in roof work
- o HSC Workplace (health, safety, welfare) regulation 13 falls or falling objects
- HSE working at height regulations April 2005



1.8 Maintenance

The system is maintained free.

However we recommend that a competent person on the following points makes checks on An annual basis / inclement weather / changes to roof plant or access requirements.

- All the grub screws are still tight
- o Check system alignment and has not been tampered with
- o Check no additional plant has been installed out with handrails

An annual check and re certification services can be arranged please contact sub-contractor Detailed above.

1.9 Handover certificate

Please see attached Handover Certificate for the relevant site

1.10 Safety

The guardrail is not to be moved or dismantled by anyone other than those detailed in this Manual.

All personnel are to stay within the perimeter of the guardrail Safety harnesses must not be attached to handrail

1.11 Safety Equipment

Full body harness to be worn either attached to safety lines or connected to a MMA System if working beyond the handrail.

2 COSHH Reports

2.1 Data Sheets

Upon Request

3 Drawings

3.1 Drawing Register

Please see any relevant drawings as attached

