

LOWERING / RAISING OF EVO RAIL

COLLAPSIBLE SYSTEM

INSTALLATION OF EVO RAIL COLLAPSIBLE AS PER STANDARD WITH THE ADDITION OF EVO STANDARD SLEEVES POSITIONED ON THE TWO HORIZONTAL RAILS MID POINT BETWEEN TWO UPRIGHTS APPROXIMATELY EVERY 10 LINEAR METRES .

THIS PROCEDURE ALLOWS FOR THE LOWERING OF SMALLER SECTIONS OF GUARDRAIL FOR CONVENIENCE AND ALSO TO ADHERE TO MANUAL HANDLING REGULATIONS.

LOWERING OF EVO RAIL COLLAPSIBLE

- **LOOSEN GRUB SCREWS ON SLEEVES AND SLIDE THE SLEEVE ALONG THE RAIL UNTIL THE BREAK / CUT ON THE RAIL IS VISIBLE**
- **RE – TIGHTEN GRUB SCREWS TO HOLD SLEEVE IN POSITION**
- **LOOSEN AND REMOVE WING NUTS AND BOLTS FROM HINGE ASSEMBLY ON EACH UPRIGHT**
- **ENSURE THE WEIGHT OF THE TOP SECTION OF GUARDRAIL IS ADEQUATELY SUPPORTED BY OPERATIVES BEFORE REMOVING LAST BOLT FROM UPRIGHT ON THE 10 M SECTION BEING LOWERED**
- **APPROX WEIGHT OF SYSTEM IS 50 KG PER 10 MTR SECTION THEREFORE TWO OPERATIVES ARE REQUIRED TO SAFELY LOWER THE SYSTEM**
- **REMOVE BOLT FROM LAST UPRIGHT**
- **CAREFULLY LOWER THE TOP SECTION OF GUARDRAIL TO THE FLOOR**
- **REPLACE BOLTS AND WING NUTS IN ALL UPRIGHTS AND HAND TIGHTEN SO AS NOT TO MISPLACE THEM**

LOWERING WHEN ADJACENT TO CORNER

- **FOLLOW SAME PROCEDURE AS ABOVE WITH THE ADDITION OF**
- **AT LOCATION OF THE 90 CORNER , LOOSEN GRUB SCREWS ON ONE SIDE OF SWEEPING BEND /90 DEGREE ELBOW AND SLIDE THE BEND OFF THE TUBE**

- LOOSEN THE GRUB SCREWS ON THE OTHER SIDE OF THE BEND
- ROTATE THE BEND THROUGH 90 DEGREES SO BEND IS NOW IN THE VERTICAL POSITION
- CAREFULLY LOWER THE TOP SECTION OF GUARDRAIL TO THE FLOOR

RAISING OF EVO RAIL COLLAPSIBLE

- REMOVE ALL THE BOLTS AND WING NUTS FROM EACH UPRIGHT
- CAREFULLY LIFT THE TOP SECTION OF GUARDRAIL TO THE VERTICAL POSITION SO THAT IT SITS ON THE HINGE ASSEMBLY
- REPLACE BOLTS AND WING NUTS AND HAND TIGHTEN ON EACH UPRIGHT
- LOOSEN GRUB SCREWS ON SLEEVE ON SLIDE BACK ALONG THE HORIZONTAL RAILS UNTIL THE CUT / BREAK IS APPROXIMATELY IN THE MIDDLE OF THE SLEEVE
- APPROX WEIGHT OF SYSTEM IS 50 KG PER 10MTR SECTION THEREFORE TWO OPERATIVES REQUIRED TO SAFELY LOWER SYSTEM.
- RE – TIGHTEN ALL GRUB SCRES
- DO FINAL CHECK THAT ALL BOLTS AND GRUB SCREWS ARE TIGHT AND SECURE

RAISING WHEN ADJACENT TO CORNER

- FOLLOW THE SAME PROCEDURE AS ABOVE WITH THE ADDITION OF THE FOLLOWING
- AT LOCATION OF 90 DEGREE CORNER AND WITH THE GUARDRAIL LIFTED TO THE VERTICAL POSITION
- LOOSEN GRUB SCREWS ON ONE SIDE OF SWEEPING BEND / 90 DEGREE ELBOW AND ROTATE THROUGH 90 DEGREES SO THAT THE BEND IS NOW HORIZONTAL
- RE – TIGHTEN GRUB SCREWS
- LOOSEN GRUB SCREWS ON THE OTHER SIDE OF BEND AND SLIDE THE BEND ON TO THE TUBE
- RE – TIGHTEN GRUB SCREWS
- DO FINAL CHECK THAT ALL BOLTS AND GRUB SCREWS ARE TIGHT AND SECURE