

GUARDIAN

FALL PROTECTION

PERFORMANCE SAFETY GEAR



Parapet Clamp Guardrail System #15170

DO NOT THROW AWAY THESE INSTRUCTIONS!
READ AND UNDERSTAND BEFORE USING EQUIPMENT!

This manual should be read and understood in its entirety, and used as part of a training program as required by OSHA or any applicable state regulatory agency.

This and any other included instructions must be provided to the users of the equipment. The user must understand the proper equipment use and limitations.

This product meets all applicable OSHA standards for guardrail systems.

Guardian Fall Protection Kent, WA
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GENERAL SYSTEM SELECTION CRITERIA: Selection of fall protection shall be made by a Competent Person. All fall protection equipment shall be purchased new and unused.

The equipment is designed for use as a part of a personal fall protection system. Components shall not be used for any other operation other than that which it has been designed and approved.

Fall Protection Systems shall be designed to comply with OSHA or applicable state regulatory limitations. Systems must be used in a compliant manner.

This is not a fall arrest or fall restraint system and is not designed for use as an attachment point for a personal fall arrest system.

Consult a doctor if there is any reason to doubt a user's ability to withstand and safely absorb fall arrest forces or perform setup of equipment. Age, fitness, and health conditions can seriously affect the worker should a fall occur. Pregnant women and minors should not use this equipment.

WARNING!

DO NOT:

- Do not alter or misuse this equipment unless approved by manufacturer.
- Do not use combinations of components or subsystems that may affect or interfere with the safe, compatible function of each other.
- Do not expose the equipment to chemicals which may produce a harmful effect or degrade the equipment. Consult manufacturer in cases where doubt exists.
- Do not use the equipment around moving machinery or electrical hazards unless specifically designed for such use.
- Do not use the equipment around sharp edges or abrasive surfaces unless intended for such use.

TRAINING REQUIREMENTS: The employer shall provide a training program for each employee who might be exposed to fall hazards. The program shall enable each employee to recognize the hazards of falling and shall train each employee in the procedures to be followed in order to minimize these hazards. Relevant Federal, State, and local regulatory requirements, procedures, and standards shall also be a part of training.

The employer shall ensure that each employee has been trained, as necessary, by a Competent or Qualified Person in the nature of fall hazards in the work area, the correct erecting, maintaining, disassembling, and inspection of the fall protection systems being used, and the use of personal fall arrest systems.

RESCUE PLAN: The user is required to have a rescue plan and the means at hand to implement it when using the equipment. The plan shall be project specific. Employees shall be trained in self-rescue or alternate means shall be provided for prompt rescue in the event of a fall.

IF EQUIPMENT IS SUBJECTED TO A FALL: Remove the equipment from service immediately if it has been subjected to the forces of a fall. Contact your distributor or Guardian about policies regarding replacement of Guardian components involved in a fall.

INSPECTION:

- Only the manufacturer of this equipment or persons or entities authorized in writing by the manufacturer shall make repairs to fall protection equipment.
- The date of first inspection should be recorded by the employer on the equipment, and any serial numbers shall be recorded on the Inspection Log.
- Formal inspections shall be made by either a Competent or Qualified Person on at least a semi-annual basis.

PRIOR TO EACH USE:

- Fall protection passive and active equipment shall be inspected by the user for defects, damage, or deterioration.
- Any suspected defective equipment shall be removed from service.
- If the manufacturer's label is not legible or is missing, the equipment shall be removed from service. Fall protection equipment shall be removed from service upon evidence of defects, damage, or deterioration, or upon expiration of the manufacturer's specified service limits, whichever comes first.

WARNING!

Consult with your doctor if there is reason to doubt your fitness to safely install and maintain this system. Age, fitness and health conditions can seriously affect a worker's ability to withstand injury. Pregnant women or minors must not use any Guardian Fall Protection equipment.

MAINTENANCE, CLEANING, AND STORAGE: Repairs to equipment can be made only by a Guardian representative or person or entity authorized by Guardian. Contact Guardian for maintenance and repair. Cleaning after use is important for maintaining the safety and life of the equipment. Cleanse the equipment of all dirt, corrosives, and contaminants. If the equipment cannot simply be wiped clean use a mild soap and water, rinse, wipe to dry. Store equipment where it cannot be affected by heat, light, excessive moisture, oil, chemicals, or other degrading elements.

DESCRIPTION OF PRODUCT:

The Parapet Clamp Guardrail System provides fall protection in the form of a guardrail for use in lieu of or in conjunction with safety netting and or personal fall arrest systems. Components are powder coated or galvanized for durability.

PRODUCT APPLICATION INFORMATION:

The Parapet Guardrail System is designed to be used as a fall protection system to protect workers from leading edge work, unprotected side hazards, holes, and any applicable other fall through or fall hazard where a passive guardrail system can perform properly. Do not hang, lift or support tools or equipment from any Parapet Clamp Guardrail System components.

- **GUARDRAIL SYSTEMS:** Provide protection and limited access to fall hazards by creating a barrier that must be negotiated before accessing the hazard.
- **PERSONAL FALL ARREST:** Parapet Clamp Guardrail Systems ARE NOT RATED FOR FALL ARREST.
- **RESTRAINT:** Parapet Clamp Guardrail Systems ARE NOT RATED FOR FALL RESTRAINT.
- **WORK POSITIONING:** Parapet Clamp Guardrail Systems ARE NOT RATED FOR WORK POSITIONING.
- **RESCUE:** Parapet Clamp Guardrail Systems are NOT RATED FOR USE AS A COMPONENT OF A RESCUE SYSTEM.

APPLICABLE STANDARDS:

Refer to potential applicable standards. Standards might include OSHA regulations depending on the type of work, and also might include state regulations if applicable. Consult regulatory agencies for more information on personal fall arrest systems and associated components.

- **Parapet Guardrail Systems, when installed properly, meet OSHA 1926.502 Subpart M requirements for guardrail systems.**
 - Exceeds top rail loading of 200 lbs in any downward or outward direction.
 - Exceeds mid rail loading of 150 lbs in any downward or outward direction.
 - Mid rail 1'-9" between work surface and top rail.

SYSTEM REQUIREMENTS:

- **Compatibility of Components:** Guardian Fall Protection equipment is designed to be used with Guardian approved components. Please contact Guardian if you have a question regarding compatibility. Making substitutions without approval from Guardian Fall Protection may lead to injuries and or death by compromising the safety and reliability of the complete system.

WARNING!

THE PARAPET CLAMP GUARDRAIL SYSTEM IS NOT DESIGNED AS AN ANCHORAGE POINT FOR A FALL PROTECTION SYSTEM. WHEN WORKING NEAR A LEADING EDGE, ALWAYS USE A PERSONAL FALL ARREST OR RESTRAINT SYSTEM.

CONSULT APPLICABLE OSHA and STATE REGULATIONS BEFORE USING!

Users and installers must be familiar with applicable guidelines before erecting the Parapet Clamp Guardrail System.

DEFINITIONS:

- **GUARDRAIL:** A barrier secured to uprights and erected along the exposed sides and ends of platforms to prevent falls of persons.
- **LEADING EDGE:** The edge of a floor, roof, or formwork for a floor or other walking / working surface (such as the deck) which changes location as additional floor, roof or deck, or formwork sections are placed or constructed. A leading edge is considered to be an unprotected side and edge.
- **UNPROTECTED SIDE AND EDGE:** Any side or edge (except at entrance points of access) of a walking / working surface. For example but not limited to: Floors, roof, ramps, or runways where there is no wall or guardrail system.
- **COMPETENT PERSON:** Defined by 29 CFR 1926.32 (f) as someone "...capable of identifying existing and predictable hazards in the surroundings or working conditions which are unsanitary, hazardous, or dangerous to employees, and who has authorization to take prompt corrective measures to eliminate them."
- **QUALIFIED PERSON:** Defined by 29 CFR 1926.32 (m) as someone "... who, by possession of a recognized degree, certificate, or professional standing, or who by extensive knowledge, training, and experience, has successfully demonstrated his ability to solve or resolve problems relating to the subject matter, work, or the project."

WARNING!

INSTALL THE PARAPET CLAMP GUARDRAIL SYSTEM ACCORDING TO MANUFACTURER'S INSTRUCTIONS AND RECOMMENDATIONS IN AN OSHA COMPLIANT MANNER. SERIOUS INJURY OR DEATH CAN OCCUR IF INSTRUCTIONS ARE NOT FOLLOWED.

- **A FORMAL INSPECTION** of products/components must be performed at least every six months by a competent person. The frequency of formal inspections should be based on conditions of use or exposure. Record the inspection results in a maintenance log.
- **All applications of the Parapet Clamp Guard Rail System** should be verified and approved by competent, trained safety personnel.
- **If it is necessary to remove the Parapet Clamp Guard Rail System during a portion of a particular job,** make sure to re-secure the unit before resuming work.

These labels must be present at all times. If labels are missing, contact Guardian for replacements to be sent

Model #15170

WARNING: FAILURE TO READ AND FOLLOW THESE INSTRUCTIONS FOR THE USE OF THE (MODEL15170) PARAPET CLAMP GUARDRAIL SYSTEM COULD RESULT IN SERIOUS PERSONAL INJURY. THIS PRODUCT MUST BE USED IN STRICT COMPLIANCE WITH LOCAL, STATE, AND FEDERAL OSHA REGULATIONS.

INSTRUCTIONS: (1) REMOVE LOCKING PIN AND ADJUST RACK JOINT TO FIT PARAPET WALL WITH 3" ADJUSTMENT LIMITS AND REINSERT LOCKING PIN AND LOCK CLASP. (2) INSTALL BRACKET TO PARAPET WALL BY KEEPING PIN SIDE TO THE OUTSIDE OF THE PARAPET WALL AND ADJUSTMENT LEG TO INSIDE OF PARAPET WALL. MAKE SURE UNIT REST FIRMLY ON TOP OF THE PARAPET WALL. (3) TIGHTEN ADJUSTMENT SCREW UNTIL REAR AND FRONT RAILS ARE TIGHT AGAINST OUTSIDE AND INSIDE OF PARAPET WALL. INSTALL TWO 3/16" TAPCON SCREWS THROUGH THE HOLES PROVIDED IN THE PLATE OF THE ADJUSTMENT SCREW AND TIGHTEN SECURELY TO THE INSIDE OF THE PARAPET WALL. (4) INSERT GUARDRAIL POST THROUGH THE POST HOLDER LETTING THE POST REST ON THE ROOFS SURFACE (5) REPEAT ASSEMBLIES EVERY EIGHT FEET ON CENTER. 9") INSTALL GUARDRAILS THROUGH THE FIXED GUIDES AND FASTEN THROUGH THE HOLES PROVIDED. POST IS AUTOMATICALLY SET FOR OSHA STANDARDS.

MODELO# 15170

ADVERTENCIA: EL NO LEER Y CUMPLIR CON ESTAS INSTRUCCIONES PARA EL USO DEL SISTEMA DE BARANDAS DE SEGURIDAD PARA USO EN PARAPETOS (G-WALL PARAPET GUARDRAIL SYSTEM), (MODELO# 15170) PODRÍA RESULTAR EN GRAVES LESIONES PERSONALES. ESTE PRODUCTO DEBE USARSE CUMPLIENDO EstrictAMENTE CON LOS REGLAMENTOS LOCALES, ESTATALES Y FEDERALES DE OSHA.

INSTRUCCIONES: (1) RETIRAR EL PASADOR DE CIERRE Y AJUSTE EL SOPORTE DENTADO PARA QUE ENGANCHE EN LA PARED CON UN LÍMITE DE AJUSTE DE 3". REINSERTE EL PASADOR DE CIERRE Y APRIETE LA ABRAZADERA. (2) INSTALE EL SOPORTE A LA PARED DEL PARAPETO MANTENIENDO EL LADO EN DONDE SE ENCUENTRA EL PASADOR ALEJADO DE LA PARED Y LA PATA DE AJUSTE EN LA PARTE INTERIOR DE LA MISMA. ASEGÚRESE DE QUE LA UNIDAD DESCANSE FIRMEMENTE ENCIMA DEL PARAPETO. (3) APRIETE EL TORNILLO DE AJUSTE PARA QUE LA ABRAZADERA QUEDE FIRMEMENTE SUJETADA A LA PARED INTERIOR Y EXTERIOR DEL PARAPETO. PONGA DOS TORNILLOS PARA CEMENTO TAPCON DE 3/16" EN LOS AGUJEROS DE LA PLACA DEL CABESTRANTE PARA SUJETARLO A LA PARED INTERIOR DEL PARAPETO. (4) PASE LOS TRAVESAÑOS POR LOS SOPORTES QUE SE ENCUENTRAN EN EL POSTE, DEJANDO QUE ÉSTE DESCANSE SOBRE EL TECHO. (5) REPITA EL ENSAMBLAJE CADA OCHO PIES DEL CENTRO. (6) INSTALE LAS BARANDAS DE SEGURIDAD A TRAVÉS DE LAS GUÍAS FIJAS SUJETÁNDOLAS EN LOS HOYOS DISPUESTOS PARA ESE FIN. EL POSTE QUEDA AJUSTADO AUTOMÁTICAMENTE ALAS NORMAS DE OSHA.

WARNING!

MAKE SURE YOU HAVE READ AND UNDERSTAND THIS INSTRUCTION PACKET BEFORE
ATTEMPTING TO INSTALL GUARDRAIL SYSTEMS!

BEFORE INSTALLING GUARDRAIL SYSTEMS:

- The structure and surface that the Parapet Clamp Guardrail System is intended to be used with must be capable of supporting the product and personnel installing it. A complete assessment by a Competent or Qualified person must be made to determine if the walking and working surfaces have the strength and structural integrity to support the system and the users.
- Install Parapet Clamp Guardrail Systems on stable, flat, dry, clean surfaces under conditions where adequate illumination is provided. If there is a danger in installing the Parapet Clamp Guardrail System, determine how to eliminate that danger before proceeding.
- Never erect Guardrail Systems near electrical wires. Keep systems a minimum of ten (10) feet from power lines to prevent injury or damage inherent with electrical hazards.
- Care should be taken when transporting system components to ensure that they are secure and do not cause damage to other components or personnel.

INSTALLATION REQUIREMENTS:

WARNING!

Failure to install and use in a compliant manner, or violation of manufacturer's recommendations, can result in serious injury or death. Installations should be verified by a qualified person for strength by calculation in the intended direction(s) or intended use.

TRAINING:

It is the responsibility of the user and the purchaser of this equipment to assure that they are familiar with these instructions, trained in the correct care and use of, and are aware of the operating characteristics, application limits, and the consequences of improper use of this equipment.

DANGER!

Training should be conducted without exposing anyone to a fall hazard. Training should be repeated on a periodic basis in accordance with your organizations policy and compliance with OSHA regulations.

SYSTEM INSTALLATION PROCEDURES:

1. Remove locking pin and adjust rack joint to fit parapet wall with 3" adjustment limits, reinsert locking pin, and lock clasp.
 2. Install bracket to parapet wall by keeping pin side to the outside of the parapet wall and adjustment leg to inside of parapet wall. Make sure unit rests firmly on top of the parapet wall.
 3. Tighten adjustment screw until rear and front rails are tight against outside and inside of parapet wall.
 4. Install two 3/16" Tapcon screws through the holes provided in plate of adjustment screw and tighten securely to inside of parapet wall.
 5. Insert guardrail post through post holder letting post rest on roof's surface.
 6. Repeat assemblies every eight feet on center.
 7. Install guardrails through fixed guides and fasten through holes provided.
- POST IS AUTOMATICALLY SET FOR OSHA STANDARDS.

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