



**HARKEN<sup>®</sup>**  
**R32 Rail**  
**Instruction Manual**



Read the manual carefully before using, installing and servicing the equipment.

Translation of the  
original instructions

UR32R 20-03-2019



<b>About this manual</b>	page	4
<b>Safety info</b>	page	5
<b>R32 Rail</b>	page	6
<b>Components</b>	page	6
<b>Prerequisites and limitations</b>	page	8
<b>Design</b>	page	10
Preliminary info	page	10
Placing the rail	page	11
Coloured rail	page	12
Bent rail	page	12
Thermal expansion	page	13
<b>Installation</b>	page	13
Rail Installation Guidelines	page	14
End stop assembly instructions	page	15
<b>Preliminary and periodical checks</b>	page	17
Annual check	page	19
<b>Packaging, storage, transportation</b>	page	19
<b>Maintenance</b>	page	19
<b>Certifications</b>	page	20
<b>Labeling</b>	page	20
<b>Warranty</b>	page	20
<b>Certificate of Compliance</b>	page	21
<b>Records</b>	page	22
Correct installation form	page	22
Acceptance report	page	23
Example of license plate	page	24
Maintenance-Inspection register	page	25

## ABOUT THIS MANUAL

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### ABOUT THIS MANUAL

Before installing or using the Harken R32 rail, read the instructions contained in this Manual thoroughly.

This instruction manual is an integral part of the product, and it supplies all the necessary information for its correct installation, safe use and maintenance.

If you don't understand some of the instructions, please contact Harken's authorized dealer/installer. Harken shall not be liable for damages, injuries or death caused by a non-compliance to the safety and other instructions contained in this manual.

This manual is intended for qualified installers and users. The installer is responsible for integrating the supplied information according to current legislations.

This manual, including the information supplied by the installer, must be stored by the client and made available to the user. It must be stored in a suitable place, near the fail arrest system entrance, and it must be made available to the user.

This manual may be modified without notice. See <http://www.harkenindustrial.com> for updated versions.



#### **WARNING!**

It is essential for the safety of the user that if the product is re-sold outside the original country of destination the reseller shall provide instructions for use, for maintenance, for periodic examination and for repair in the language of the country in which the product is to be used.

**SAFETY INFO**

- Harken R32 rail must be installed by personnel authorized by Harken or Harken dealer or by qualified personnel trained on the installation of the Harken R32 rail, and on PPE (Personal Protective Equipment)
- The rail installer must make sure that the structure where the rail will be installed is suitable to fasten the device and to support the loads for which the rail has been certified.
- The type of structure anchor/fixing must be defined by a qualified professional.
- The procedure to fasten the rail to the base must be documented in suitable reports, made available for future consultation.
- Each rail has maximum load limits, which mostly depend on the structure where it is installed and on the distance between the anchor/fixing; those limits must not be exceeded.
- The R32 rail must be used solely with Harken trolleys (IN150, IN150.CLEAR, IN151, IN151.CLEAR, IN10448, IN10448.CLEAR), wearing suitable PPE (Personal Protective Equipment) compliant with the laws in force on workplace safety.
- Before using the rail, check its path and the falling hazards, evaluating the minimum fall clearance and choosing the PPE with shock absorber deployment most suitable to the type of hazard.
- Before each use, check the system for any trace of wear, corrosion, deformation, loose connection, etc... In case of doubts, if a rail seems unsafe, it must be checked by Harken or Harken dealer's authorized personnel or by qualified personnel.
- All operators using the rail must observe the instructions for uses, and especially the number of operators it can support at the same time.
- In case of extreme weather events, do not use the rail
- In case of fire or if the rail has been struck by lightning, stop using it, report the issue to Harken Approved Installer and/or Harken to arrange a detailed inspection by Approved and Qualified Personnel.
- Do not modify the rail in any way, unless previously authorized in writing by Harken or Harken dealer's authorized personnel or by qualified personnel.
- Harken shall not be liable for injuries or damages resulting from an improper use of the rail.
- The system must be used only by physically and psychologically healthy personell. Cardiac and circulatory problems, taking medications, alchool and drugs could compromise the safety of the user when working at height.
- Before installing and using the system, it is mandatory to organize the safety plan in case emergencies occur during the work.

## THE RAIL

### R32 RAIL

The anodized aluminium R32 rail (IN10459, IN10459.CLEAR) must be fastened to a supporting structure using suitable screws. A low friction trolley (IN150, IN150.CLEAR, IN151, IN151.CLEAR, IN10448, IN10448.CLEAR), is to be installed to the rail, providing a compliant EN795:2012 Type B mobile anchorage point. This assembly includes a rigid fall arrest system, designed to be used and installed in horizontal position ( $\pm 5^\circ$ ) with floor, wall and ceiling mount. By installing and using this system correctly, the risk of the operators falling whilst working at height can be eliminated or significantly reduced.

Furthermore, the R32 rail can be used as a Rope Access Anchorage System, to provide a safe anchorage for twin rope working (rope access & work positioning), with good anchor mobility under load.

### COMPONENTS

The R32 rail must be used with the following components in order to constitute the Harken Access Rail system:

#### Trolleys



Six types of trolleys (single trolley for fall arrest system and double trolley for human suspension).

The part number without .CLEAR refers to the black hard-coat anodized version of the trolley.

## Rail



Extruded anodized aluminium rail available with different length. For more details see the catalog. The rail can also be supplied bent.

The part number without .CLEAR refers to the black hard-coat anodized version of the rail.

## Endstops



## Connector



## PREREQUISITES AND LIMITATIONS

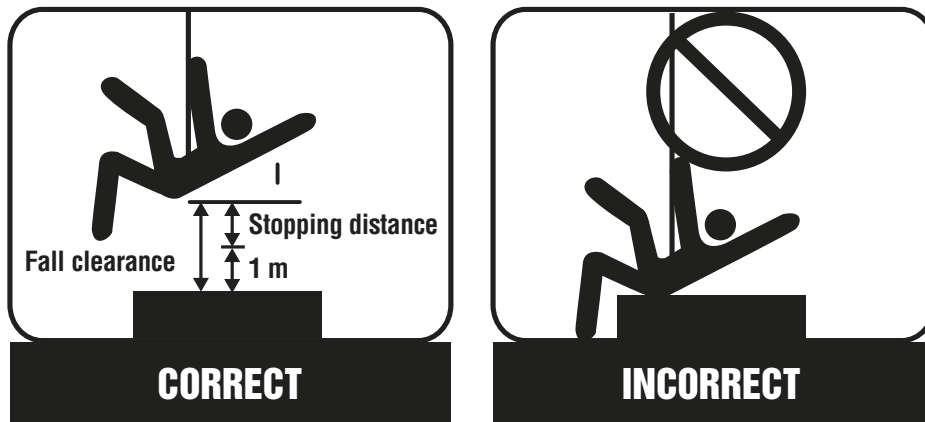
### PREREQUISITES AND LIMITATIONS

The R32 rail has been designed to support any accidental operator fall. In order to guarantee its correct operation, and maintain the mechanical integrity in case of fall, each user must wear the Personal Protective Equipment (PPE) recommended by workplace safety regulations.

All PPE must be certified and marked according to the relevant national regulations. By using the personal protective equipment, in case of a fall, the force transmitted to the operator (and consequently to the trolley sliding on the rail) will be no greater than a maximum **6 kN**. Personal fall arrest systems include, but are not limited to: a shock-absorbing mechanism, lanyard and a full body harness to limit the maximum arresting force to 6 kN.

Personal Fall-arrest systems used with this equipment must meet controlling regulations for the country of use.

**Fall clearance** - There must be sufficient clearance below the user to arrest a fall before the user strikes the ground or other obstruction and it consists of the stopping distance plus the free space of 1 m under the feet of the user. See appropriate documentation published by regulatory authority.



#### WARNING!

It is essential for safety to verify the fall clearance required beneath the user at the workplace before each occasion of use, so that in the case of a fall there will be no collision with the ground or other obstacle in the fall path.



#### WARNING!

The maximum value of deflection of the trolley and displacement of the anchor point that can occur in service is 12 mm. Consider this value in order to evaluate the system fall clearance correctly.



#### WARNING!

The use of non-compliant PPE can result in severe injuries, including death.



#### WARNING!

To avoid personal injury, the R32 trolley and rail must be used with a full body safety harness (EN361 approved) and the full body harness is the only acceptable body holding device that can be used in a fall arrest system. With a full body harness can be used also a working harness or chair (EN361 and /or EN813 approved). It must be used also a fall arrest device (EN353/2 approved) and an energy absorber (EN355 approved) that meet also Fall Protection standards as required by the local regulating authority for the country of use. Connectors (hooks, carabiners and D-rings) must be capable of supporting at least 22 kN (5000 lb).





### WARNING!

Consult Harken when using this equipment in combination with components or subsystems other than those described in this manual. Altering or intentionally misusing this equipment may cause the system to fail which can cause a fall, which could result in severe injury or death.

Before using the Access Rail system make sure that all the people and objects are clear of the systems's moving components.

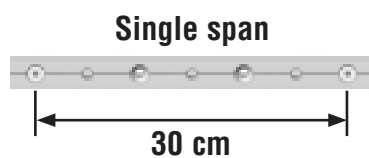
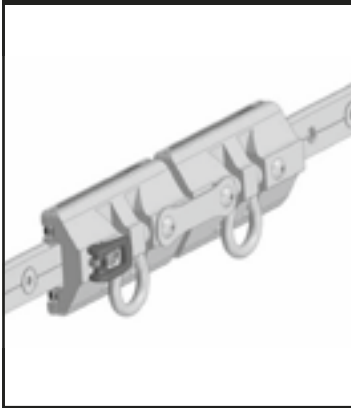
The R32 rail is subject to the following limitations:

- The maximum number of operators depends on the type of rail, the configuration of installation and the span length.

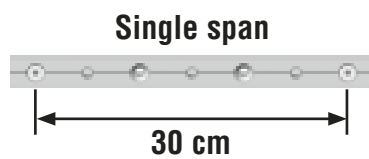
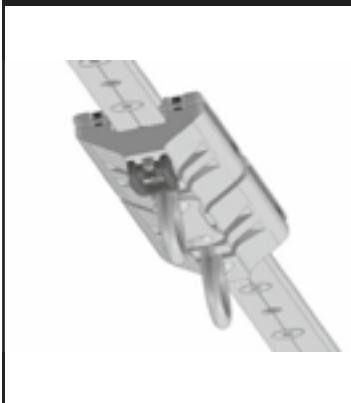


IN10459.CLEAR  
IN10459

#### WALL MOUNT

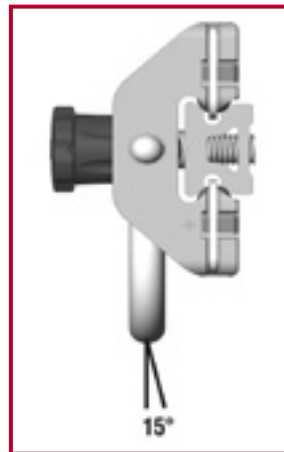


#### CEILING MOUNT



## DESIGN

- Do not exceed the maximum number of operators allowed at the same time
- It must be used only by qualified operators trained on the system correct use
- It can be installed with a maximum inclination of 5 degrees with respect to the horizontal plane
- It cannot be used outside its limitations or for any purpose other than that for which it is intended
- It cannot be used as load lifting system
- It cannot be modified, tampered with or repaired
- When using this equipment, the employer must have a rescue plan and the means at hand to implement it. The plan must be communicated to authorized persons and rescuers. The system and trolley integrity MUST be assessed prior to any rescue for the safest and quickest recovery.
- **Load angle limitations: IN150, IN150.CLEAR, IN151, IN151.CLEAR, IN10448 and IN10448.CLEAR Trolleys** - Rail must run within 5° of horizontal, but can be mounted at various angles on the horizontal mounting structure. Harken IN150, IN150.CLEAR, IN151, IN151.CLEAR, IN10448 and IN10448.CLEAR trolleys have the ability to handle loading at an angle up to 15° beyond vertical. Loads beyond 15° from vertical will overload trolley. See image at right.



## DESIGN

### Preliminary info

The fall arrest system must be suitably designed by a qualified professional, since the correct installation and subsequent safety of the users depend on its correct design.

The following are of the utmost importance:

- analysis of the installation location, in order to define the position where the rail will be installed.
- definition of anchor points (where the fasteners will be placed)
- distance between fasteners
- how to fasten the rail to the supporting structure.

Consider all factors that will affect safety during use of this equipment. Rail must be laid out and positioned strictly in accordance with drawings and specifications supplied by the project authorized architect or other suitably qualified person. System must meet controlling work at height regulations for country of use.

Installer shall ensure suitability of base materials and structural materials to which rail is fixed, follows controlling work at height regulations for country of use, and ensures base and structural materials are capable of sustaining a proof test force.

The weakest structural materials have been simulated in laboratory to evaluate the anchor device and its fastening. Anyway, the test results don't supply any information on the structure capability to bear the loads, which can occur during the use. The capability to bear the loads connected to a fall arrest is subjected to different assessments, which are excluded from the application of the Regulations for which the product is certified.

**NOTE!**

The fastening system must always be designed by a qualified professional.

**NOTE!**

The fall arrest system must be designed, if applicable, for **TOTALLY PREVENTED** or **CONTAINED** falls, so as to prevent the significant mechanical stress due to the risk of falling.

**WARNING!**

In the fall arrest systems it is necessary to verify the absence of sharp edges, which could trailing or looping lanyards or lifelines.

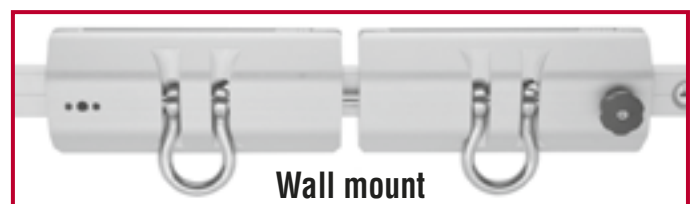
The design of the fall arrest system must avoid pendulum falls, which could cause post-fall oscillation of the body with possible impact against obstacles.

**WARNING!**

The structure where the R32 rail will be installed must have structural characteristics so as to support at least the maximum loads of 9 KN in the horizontal and perpendicular direction, that could be transmitted in service from the anchor device to the structure. This value has been recorded on the anchor device during the dynamic strength and integrity test and must be taken into account in order to evaluate the base material, the structural anchorages or the anchor/fixing correctly. Thus, the system designer must carry out the necessary checks to verify that the system can be solidly fastened to the structure and that it can withstand the loads in case of fall.

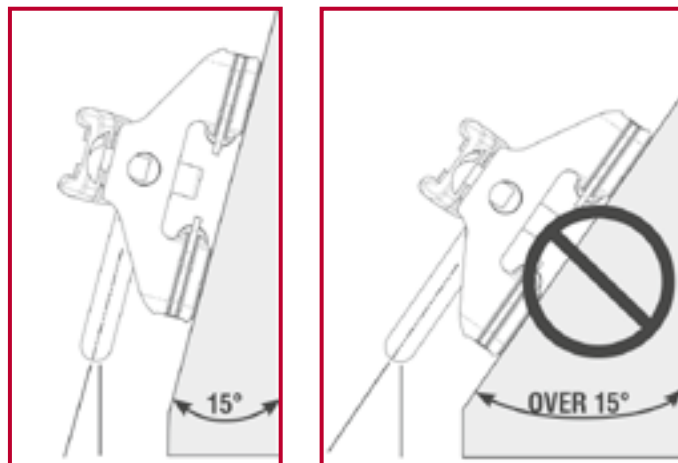
**Placing the rail****Ceiling, floor, or wall mount**

Rail must run within 5° of horizontal, but can be mounted at various angles on the horizontal mounting structure. Rail can be ceiling mounted, floor mounted, or wall mounted.

**Ceiling mount****Floor mount****Wall mount**

### Angled wall mount

An angled wall mount must be limited to a maximum of 15° off vertical. It must be mounted so that the load on the shackle is taken no more than 15° beyond vertical.



#### NOTE!

For optimum trolley performance on the rail, we recommend to place the rail so that the load is perpendicular to the sliding plane of the trolley on the rail.



Sliding plane

### Coloured rail

The standard rail is supplied in (CLEAR) anodized aluminium colour. Aluminium rail can be supplied with powder coating or anodizing coloured, on request. For more information, contact Harken.

### Bent rail

The rail can be installed on bent surfaces, which have a minimum bending radius of 15 m. The bending rail can be done manually in the 3 directions during the installation procedure.



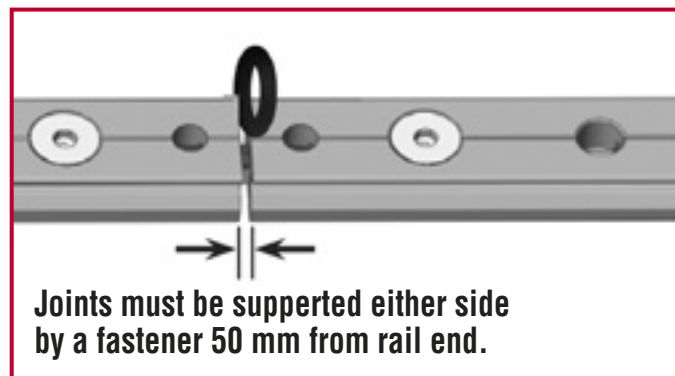
For bending radius included between 2,75 m and 15 m in all the three direction, it's possible to require the bending rail to Harken. The bent rail has 25 cm of straight rail at the extremity due to the production process. For more information contact Harken.

### Thermal expansion

Since the rail is made of an aluminium alloy Series 6000 (thermal expansion coefficient:  $23 \times 10^{-6} \text{m}/^\circ\text{C}$ ), during the design phase, it is necessary to evaluate the rail thermal expansion based on the length of the rail which may occur when the temperature varies. It is the responsibility of the system designer (qualified engineer) to carefully evaluate the thermal expansion which will be submitted to the system. The system designer must analyze the relative coefficient of thermal expansion of rail and mounting material and decide on the appropriate method of mounting, sealing fasteners, and gaps between rail sections.

As a general rule, leave a space between the end of one rail segment and the next to allow for thermal expansion.

Spacing of 3 mm (.118") is appropriate and will allow the trolley assembly to roll smoothly over the gap. Use the O-ring supplied with the IN3198 splice link as a spacer tool to set the gap between the rails. Be sure to follow mounting instructions for alignment and fasteners at splice links. Joints must be supported either side by a fastener 50 mm from rail end.



The R32 rail operating temperature range is  $-50^\circ\text{C}$  to  $+80^\circ\text{C}$ . For out-of-range applications, contact Harken or Harken dealer.

## INSTALLATION

The R32 rail must be installed by HARKEN or Harken dealer's authorized installers or by qualified professionals, trained to design, install, certify and service the fall arrest system. For a list of HARKEN's authorized installers, see the website [www.harkenindustrial.com](http://www.harkenindustrial.com).

The installer carries the full responsibility for a proper and safe installation that is tested to meet all relevant standards. Normally this would be verified by an independent safety engineer/surveyor

The correct installation must be suitably verified by a supervisor or by a safety officer through calculations or tests. After completing the installation, the installer must issue the related documents required by reference regulations and must fix and display near the system access point the sign indicating:

- name and contact info of the manufacturer
- name and contact info of the installing company and name of the installer
- system serial number
- type of fixing devices
- installation date
- maximum number of operators that can connect at the same time
- obligation to use the PPE
- notice to refer to the contents of the anchoring system booklet
- date of the following inspection or the date of the last inspection along with the inspection schedule
- notice to avoid using the anchoring system if the inspection has not been carried out.

After the installation, a copy of the installation documents must be submitted to the client. These documents must be kept in the building for following inspections of the anchoring device.

## Rail Installation Guidelines

The fastening of the rail must be made by the installer in the manner defined by the designer (engineer enabled) who is responsible for the design of the system and the related certification. It is not possible to define a standard number and type of fasteners, as this is dependent on the material into which the rail is installed, the intended purpose, and the subsequent maximum load requirement of that purpose.

### Rail and fastener specifications

IN10459 and IN10459.CLEAR rail uses M10 (3/8") countersunk fasteners.

### Fastener material

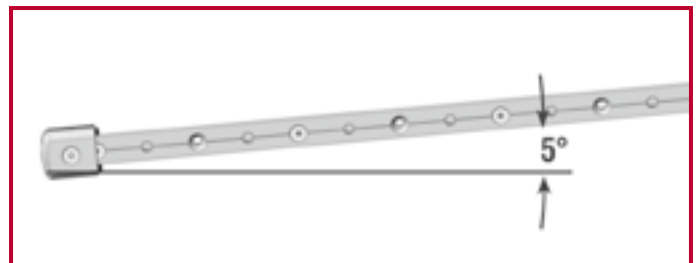
All rail listed in this manual is designed to use stainless steel fasteners. Harken does not recommend using aluminum fasteners for installation. The installer is responsible for the use of non-stainless steel fasteners and could be held liable. Fasteners must be designed to meet the requirements of controlling work at height regulations for country of use.



#### **WARNING!**

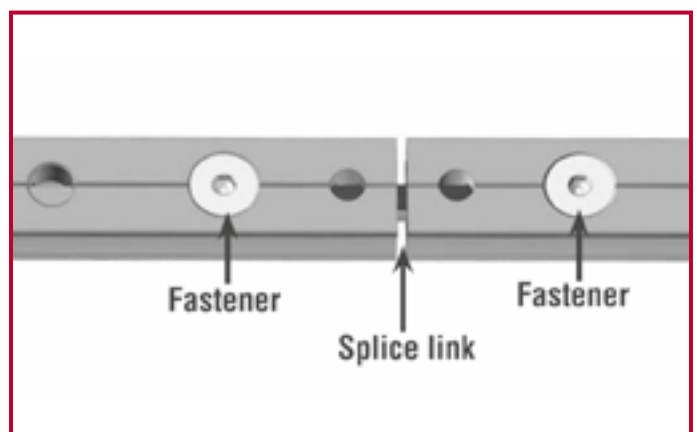
An incorrectly fastened system may not guarantee the adequate resistance to a fall, with consequent grave risks and danger of fatal injuries.

The R32 rail can be installed with a maximum inclination of 5 degrees with respect to the horizontal plane.



### Joining rail segments

Precise rail alignment at joints is critical for smooth-running trolleys. Fasten each rail segment in the last fastener hole near the splice link. Use the IN3198 for IN10459 and IN10459.CLEAR rail with countersunk fastener. Use spring clamps to align rails during installation. The splice link is not structural and is used only to maintain alignment and linearity of the individual rail segments. See thermal expansion section for using O-ring as spacer tool.



### Drilling holes

Use transfer punch to mark hole centers. Hold rail in alignment, until secured, with spring or "C" clamps when marking and drilling holes. The first fastener must be 50 mm to rail end or less.



### Threadlocking fasteners

Always use threadlocking solution or locknuts.

### Preventing corrosion between fasteners and rail

Use an anti corrosion paste on the fastener head to prevent galvanic corrosion between fastener and rail. Do not use for nuts on fastener.

The R32 rail must be connected to the lightning protection system, in compliance with current regulations.

### Endstop assembly instructions

#### Using IN3112.CLEAR removable endstop

They allow user to easily remove trolley assemblies for storage away from the elements and for switching trolley assemblies from one rail to another. The end fitting can be easily removed and inserted, thanks to its spring pin.

**NOTE!:** Be sure the first rail mounting fastener is located within 50 mm of the rail end.

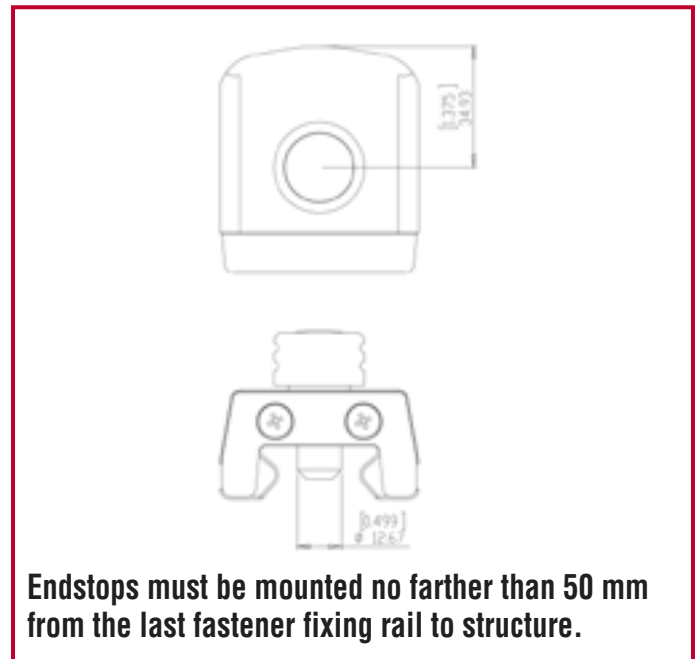
**IN10459.CLEAR**  
**IN10459**

**The first fastener must be 50 mm to rail end or less.**

**Endstops must be mounted no farther than 50 mm from the last fastener fixing rail to structure.**

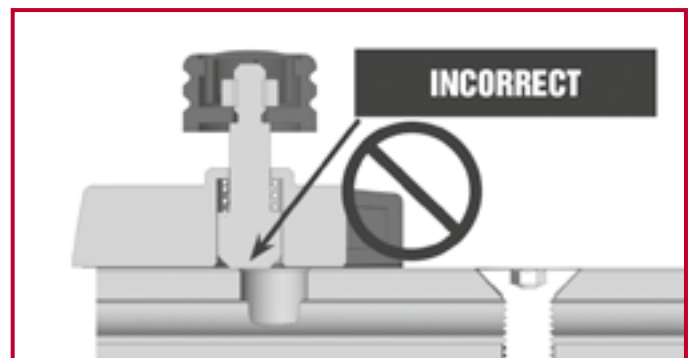
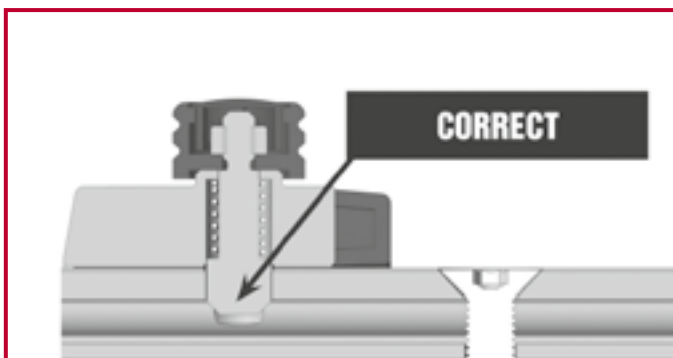


Drill a **Ø 10mm hole** in the rail centreline through the top surface only for the removable endstop. Endstops must be mounted no farther than 50 mm from the last fastener fixing rail to structure.



**WARNING!**

Always be sure the pinstop is securely fastened to a pinstop hole in the rail. The bottom of the knob must be nearly flush with the body of the endstop. Failure to seat in a pinstop hole can result in a fall which could result in severe injury or death.



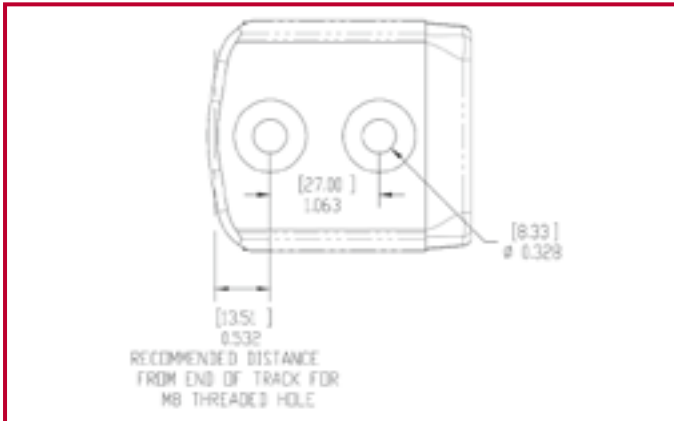
**WARNING!**

Removable endstops **MUST** be tethered to the system or a suitable anchor point to prevent falling objects.



**Installing IN185.CLEAR endstops**

Fasten endstops to rail ends using fleathead M8 (5/16") stainless steel fasteners. Drill a **M8 threaded hole** in the rail centerline and tap into the rail to mount end stop. Note hole center locations below and plan endstop location on rail to avoid interference from the predrilled mounting or pinstop holes. Endstops must be mounted no farther than 50 mm from the last fastener fixing rail to structure. Use an anticorrosion paste on the endstop fastener head to prevent galvanic corrosion between fastener and rail.



**PRELIMINARY AND PERIODICAL CHECKS**

Before using the R32 rail, check its condition and visually check each component:

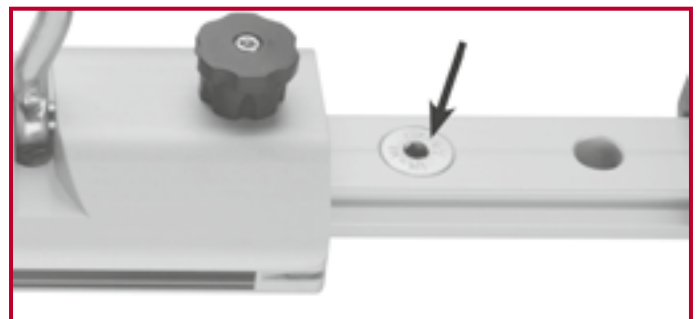
- Check rail for dirt buildup before each use. If the rail has visible dirt or feels gritty, clean the rail ahead of your travel as part of your maintenance.
- Make sure that: the system components are not deformed, the screws are not loose, there are no signs of wear, corrosion and build up of dirt. In case of identified faults or damaged parts, do not use the system.
- In particular, check the most critical components: fasteners and (mobile/fixed) end fittings.



**WARNING!**

If all screws are not fastened securely, rail can separate from mounting surface resulting in a fall, severe injury, or death.

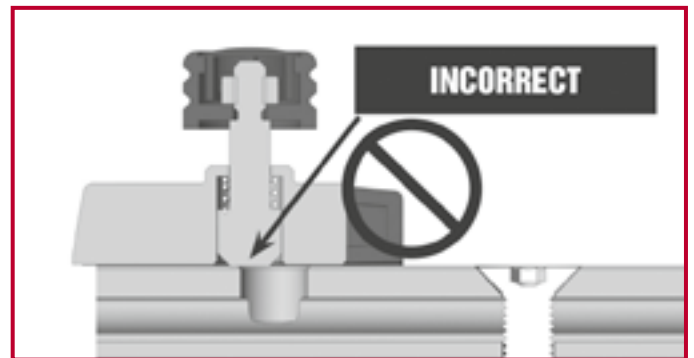
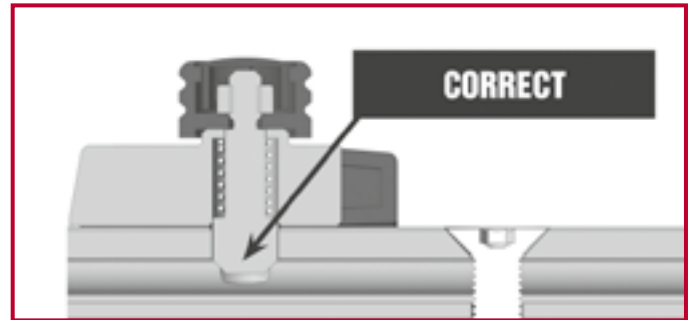
- Check to make sure screws have not loosened and are flush with top of rail so trolleys roll smoothly. Loose screws can also compromise system safety. Inspect the rail length by running the trolley assembly the entire length without load. Ensure the trolley assembly runs freely and hits no screw heads or obstructions.



- Check to make sure that endstop screws of the IN185.CLEAR endstop have not loosened. Screws must be flush with the top of the endstop.



- Check to make sure that pinstop of the IN3212.CLEAR endstop is securely fastened to a pinstop hole in the rail. The bottom of the knob must be nearly flush with the body of the endstop.



**WARNING!**

If endstop screws loosen or failure to seat in a pinstop hole, trolleys can roll off end of rail resulting in a fall, severe injury or death.

- Visually check that the supporting structure (where the fall arrest system is installed) does not show signs of deterioration
- In case of faults or damaged parts, contact the safety officer, who will call Harken or Harken dealers's authorized personnel or qualified personnel to inspect the system.
- In case of a fall, request an inspection of the fall arrest system to Harken or Harken dealers's authorized personnel or to qualified personnel.



**WARNING!**

Any rail which has been subjected to the forces of arresting a fall or there is any doubt arise about its condition for safe use, must be immediately withdrawn from use and not used again until confirmed in writing by an Harken dealers's authorized personnel or qualified personnel to inspect the system that it is acceptable to do so.

- In case of lightning, fires or intense weather events, do not use the fall arrest system and call Harken or Harken dealers's authorized personnel or qualified personnel to inspect it.
- Check the legibility of the rail markings.

**Annual check**

The rail must be thoroughly inspected at least once every 12 months for Fall Arrest specification, or 6 months for Human Suspension, if regularly used, or before using it after a long period of inactivity. Based on the frequency of use and on the place of installation of the rail, the maintenance schedule may vary.

**WARNING!**

The regular periodic examinations are needed procedures for the safety of users because the safety of users depends upon the continued efficiency and durability of the equipment.

Do not use the fall arrest system without performing the compulsory servicing. The inspection performed by Harken or Harken dealers's authorized personnel or by qualified personnel, must be recorded in the Maintenance Record of this Manual.

Moreover the system must be branded with the date of the next inspection or the date of the inspection done.

**WARNING!**

**DO NOT USE** the R32 rail if:

- you detect damage, wear, corrosion or deformation on the rail and on the related components (endstops, anchor/fixing, attaching fasteners...)
- faults are detected during the compulsory periodical inspection
- a fall with consequent stress for the rail has occurred

**PACKAGING, STORAGE, TRANSPORTATION**

Every rail is supplied by Harken in its original packaging in order to prevent the development of dust and dirt and potential damages.

Check the packaging integrity and if it is damaged, before installing the rail proceed with an accurate inspection.

During the storage and the transportation use the original packaging.

Store the rail in a dry, ventilated, low humidity and not salt place in order to avoid corrosion and protect the product against impacts, chemical reagents or possible damages, which may affect the performance of the rail.

**MAINTENANCE**

In order to keep the rail in proper working conditions, remove any dirt, grease, snow, ice or anything that can prevent the trolley from sliding correctly from the rail. In particular, clean the rail section in contact with the trolley's ball bearings correctly. Only use non-abrasive cleaning tools and mild liquid soaps. Use soapy water and flush thoroughly with water.

Do not let the rail come into contact with concrete, asphalt, paints, acids, solvents and chemical reagents. For the trolley maintenance, refer to the proper manual.

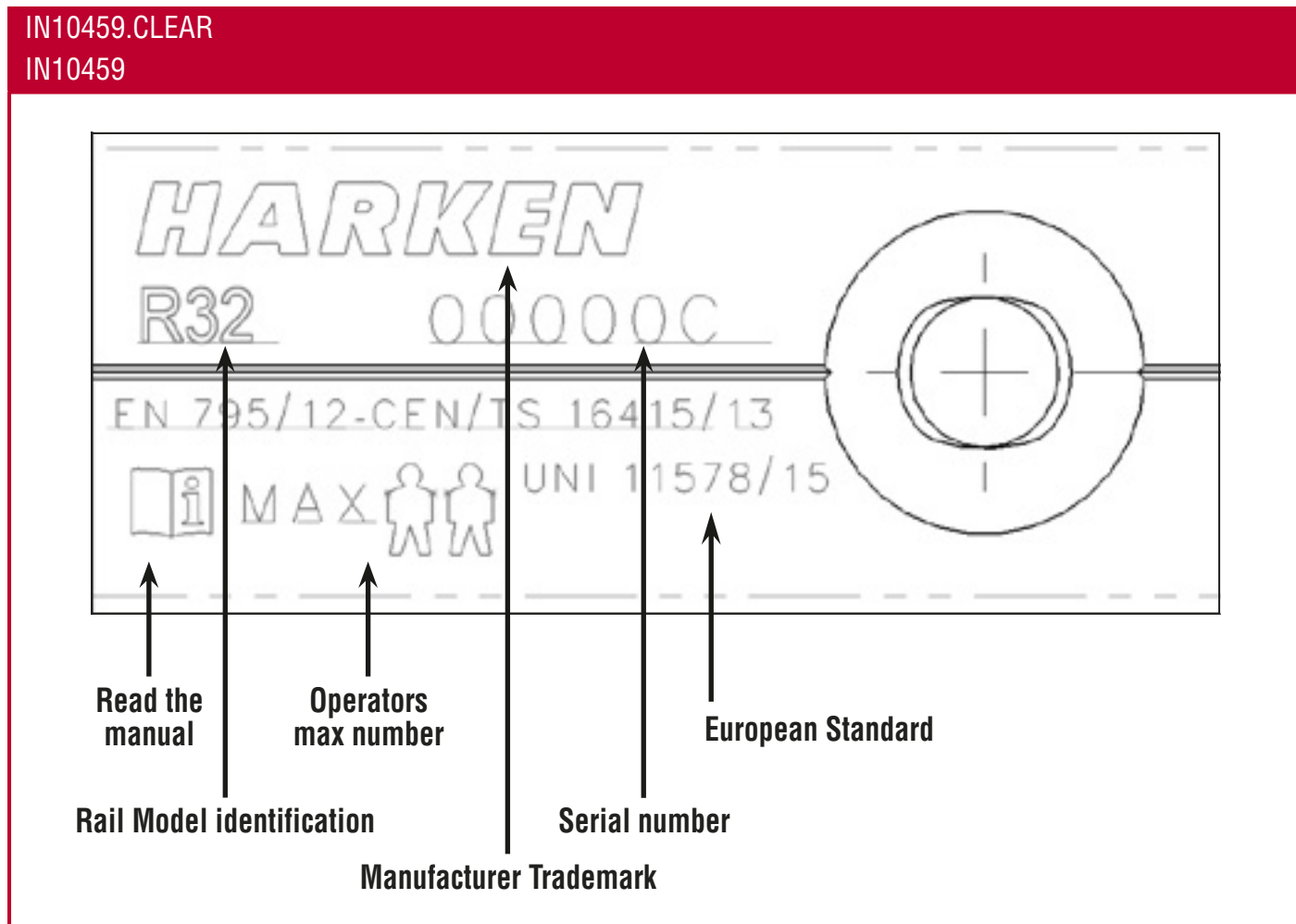
## MAINTENANCE - CERTIFICATIONS - WARRANTY

### CERTIFICATIONS

The R32 rail (IN10459, IN10459.CLEAR), and components are compliant to the test set out by Standards EN795:2012 Type D and CEN/TS16415:2013. Furthermore the R32 rail (IN10459, IN10459.CLEAR), and components are certified according to the Standard UNI11578:2015.

### LABELING

Shown below the labelling on the rail:



### WARRANTY

For the warranty, refer to Harken Global Limited Warranty on the websites <http://www.harkenindustrial.com>.

# DOLOMITICERT

**Italian Institute for the Certification of Personal Protective Equipment  
S.C.A.R.L.**

**Address: Villanova Zona Industriale, 7/A  
32013 LONGARONE ( BL ) - ITALY  
Tel.: +39 0437 573407 Fax: +39 0437 573131  
Web site: [www.dolomiticert.it](http://www.dolomiticert.it) E-mail: [info@dolomiticert.it](mailto:info@dolomiticert.it)**



## **ATTESTATION OF CONFORMITY number 192062**

**Verifications for anchor devices according to the Standards EN 795:2012 “Personal fall protection equipment – Anchor devices”, CEN/TS 16415:2013 “Personal fall protection equipment – Anchor devices – Recommendations for anchor devices for use by more than one person simultaneously” and UNI 11578:2015 “Anchor devices intended for permanent installation”**

**Anchor device  
Model:  
ACCESS RAIL SYSTEM – R32**

*Date: 16<sup>th</sup> of December 2019*

Firmato digitalmente da TAMBURLIN LUCA  
Data:16/12/2019 10:13:14

**Responsible for the evaluation  
Luca Tamburlin**



*Applicant:*  
**HARKEN Inc., USA  
One Harken Way-N15W24983 Bluemound Road - 53072 PEWAUKEE WISCONSIN - USA**

Note 1: The Attestation of Conformity loses its validity if any modifications are made as compared with the original and tested product.

Note 2: Dolomiticert only allows partial disclosure of the present Attestation of Conformity upon written authorization.

Note 3: This Attestation of Conformity issued by Dolomiticert under a voluntary basis.

# CORRECT INSTALLATION FORM

With reference to the installation of the fall arrest system installed on

System serial number: \_\_\_\_\_ Project: \_\_\_\_\_

Description of the building: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ Country: \_\_\_\_\_ Post code: \_\_\_\_\_

The INSTALLER

First name: \_\_\_\_\_ Last name: \_\_\_\_\_

Legal representative of the company: \_\_\_\_\_

With headquarters at: \_\_\_\_\_ City: \_\_\_\_\_

VAT number: \_\_\_\_\_

**DECLARES**  
that the following systems and fastening devices used

Manufacturer	Product	Model	Type	Tensile forces allowed

**HAVE BEEN INSTALLED CORRECTLY**

- In compliance with the manufacturer's installation instructions, they have been installed in compliance with the project drafted by the Arch./Eng./Surv.: \_\_\_\_\_
- They have been fastened to the specified structure, in compliance with the instructions supplied in the calculation report drafted by the Arch./Eng./Surv.: \_\_\_\_\_
- They have been fixed as specified (e.g. numbers of bolts, correct materials, correct position/location).
- They have been commissioned in accordance with the manufacturer's information.
- They have been supplied with photographic information/documentation, especially where fixing (e.g. bolts) and the underlying substrate are no longer visible after completing the installation.
- The fastening/anchoring element structural characteristics, their use instructions, the manuals of the different products used, the installation layout and the documents/pictures taken and drafted during the installation have been submitted to Mr./Mrs.

First name: \_\_\_\_\_ Last name: \_\_\_\_\_

Role: \_\_\_\_\_

The compulsory SIGN  
has been affixed near every access and/or onto the fall arrest system

System installation date

**The installer**  
(Stamp and Signature)

# ACCEPTANCE REPORT

The undersigned:

As client of the fall arrest system to which this manual is referred, installed on:

System serial number:

Project:

Description of the building:

Address:

City:

Province:

Zip code:

## DECLARES

To have received from the installing company:

- the installation documents, including the relevant annexes
- the use and maintenance manual for the system components
- the fastening/anchoring device documents
- the installation layout related to the system
- the documents/pictures taken and drafted during the installation

and to make them available to the user.

Place and date

**The Client**

(Stamp and Signature)



## EXAMPLE OF LICENSE PLATE



Type:

Model:

> Read carefully the instruction manual  
> Personal Protection Equipment **REQUIRED**

Compliant:

Certified:

N° max of users:



### MANUFACTURER

## HARKEN

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### DISTRIBUTOR



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### INSTALLER

### Periodic inspection (fill in the forms in the instruction Manual)

Next Inspection Date	Next Inspection Date	Next Inspection Date	Next Inspection Date

**Notes:**

- 1) The installation of Anchoring System must be run by personnel trained and authorized by Harken or by Harken Partners.
- 2) Before accessing and using the Anchoring System it is necessary to read carefully the Instruction Manual and all the Anchoring System related documents.
- 3) Before using the Anchor System, it is essential for safety to verify the fall clearance required beneath the user at the work place and to choose the appropriate PPE.
- 4) Before using the Anchor System verify its integrity and carry out a visual inspection of each component. If you find damaged parts or you have any doubt, DO NOT use the system and contact the competent and authorized personnel in charge to carry out the rail inspection.
- 5) Use the Anchor System with Personal Protective Equipment 3rd category according to regulations in the field of security and all PPE as required by the legislation.
- 6) Harken is not responsible for any injury or damage caused by improper use of the Anchor System.
- 7) Mandatory testing of the Anchor System by Harken authorized personnel is required after a fall.
- 8) The periodic inspection must be carried out as prescribed by the EN11158: 2005 and at least once every 12 months from the date of installation indicated above, if used regularly, otherwise before using after a long period of inactivity. The system must not be used if the inspection has not taken place.
- 9) Periodic inspections should be performed by experienced people, who are aware of the recommendations and instructions issued by the manufacturer applied to the components of the system, and which are licensed by Harken.



# MAINTENANCE-INSPECTION REGISTER

## RECORD

PRODUCT	PURCHASE DATE	DATE FIRST PUT INTO USE
MODEL AND TYPE	TRADE NAME	IDENTIFICATION NUMBER

MANUFACTURER: \_\_\_\_\_

ADDRESS: \_\_\_\_\_

TEL: \_\_\_\_\_ FAX: \_\_\_\_\_ E-MAIL: \_\_\_\_\_

WEBSITE: \_\_\_\_\_

### COMPANY CARRYING OUT THE MAINTENANCE OPERATIONS

PERSON IN CHARGE (First name and Last name)		DESCRIPTION OF THE INTERVENTION	OUTCOME
Date	Signature		<input type="checkbox"/> Periodic inspection <input type="checkbox"/> Repair

Scheduled date for the next periodic inspection: \_\_\_\_\_

#### NOTES

### COMPANY CARRYING OUT THE MAINTENANCE OPERATIONS

PERSON IN CHARGE (First name and Last name)		DESCRIPTION OF THE INTERVENTION	OUTCOME
Date	Signature		<input type="checkbox"/> Periodic inspection <input type="checkbox"/> Repair

Scheduled date for the next periodic inspection: \_\_\_\_\_

#### NOTES

# MAINTENANCE-INSPECTION REGISTER

COMPANY CARRYING OUT THE MAINTENANCE OPERATIONS

PERSON IN CHARGE (First name and Last name)		DESCRIPTION OF THE INTERVENTION	OUTCOME
Date	Signature	<input type="checkbox"/> Periodic inspection <input type="checkbox"/> Repair	<input type="checkbox"/> Positive <input type="checkbox"/> Negative

Scheduled date for the next periodic inspection:

NOTES

COMPANY CARRYING OUT THE MAINTENANCE OPERATIONS

PERSON IN CHARGE (First name and Last name)		DESCRIPTION OF THE INTERVENTION	OUTCOME
Date	Signature	<input type="checkbox"/> Periodic inspection <input type="checkbox"/> Repair	<input type="checkbox"/> Positive <input type="checkbox"/> Negative

Scheduled date for the next periodic inspection:

NOTES

COMPANY CARRYING OUT THE MAINTENANCE OPERATIONS

PERSON IN CHARGE (First name and Last name)		DESCRIPTION OF THE INTERVENTION	OUTCOME
Date	Signature	<input type="checkbox"/> Periodic inspection <input type="checkbox"/> Repair	<input type="checkbox"/> Positive <input type="checkbox"/> Negative

Scheduled date for the next periodic inspection:

NOTES

# MAINTENANCE-INSPECTION REGISTER

COMPANY CARRYING OUT THE MAINTENANCE OPERATIONS

PERSON IN CHARGE (First name and Last name)		DESCRIPTION OF THE INTERVENTION <input type="checkbox"/> Periodic inspection <input type="checkbox"/> Repair	OUTCOME	
Date	Signature		<input type="checkbox"/> Positive	<input type="checkbox"/> Negative

Scheduled date for the next periodic inspection:

NOTES

COMPANY CARRYING OUT THE MAINTENANCE OPERATIONS

PERSON IN CHARGE (First name and Last name)		DESCRIPTION OF THE INTERVENTION <input type="checkbox"/> Periodic inspection <input type="checkbox"/> Repair	OUTCOME	
Date	Signature		<input type="checkbox"/> Positive	<input type="checkbox"/> Negative

Scheduled date for the next periodic inspection:

NOTES

COMPANY CARRYING OUT THE MAINTENANCE OPERATIONS

PERSON IN CHARGE (First name and Last name)		DESCRIPTION OF THE INTERVENTION <input type="checkbox"/> Periodic inspection <input type="checkbox"/> Repair	OUTCOME	
Date	Signature		<input type="checkbox"/> Positive	<input type="checkbox"/> Negative

Scheduled date for the next periodic inspection:

NOTES

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**HARKEN®**

***Manufacturer***

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