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Irudek Sekurblok

Irudek Sekurblok Retractable Fall Arrester 10m User Manual

Model: Sekurblok

1. Introduction

The Irudek Sekurblok is an automatic retractable fall arrester designed to provide reliable fall protection in various work environments. This device features a durable synthetic casing and a 4.5 mm galvanized steel cable. It is equipped with a steel screw-gate carabiner for anchoring and a rotating steel carabiner with a fall indicator at the user end, designed to prevent cable entanglement during operation. The Sekurblok fall arrester is certified according to European standards for personal protective equipment against falls from a height, including specific directives for use in potentially explosive atmospheres.
This manual provides essential information for the safe and effective use, maintenance, and inspection of your Irudek Sekurblok retractable fall arrester. Adherence to these instructions is crucial for user safety and product longevity.

2. Safety Information

WARNING: Failure to follow these instructions can result in serious injury or death. This equipment must only be used by trained and competent persons, or under the direct supervision of such a person.

- Always inspect the device before each use for any signs of damage, wear, or malfunction.
- Ensure all components, including carabiners and cable, are in good working order.
- The device is designed for vertical use only.
- The maximum load capacity is 136 kg (including tools and clothing).
- The impact force is limited to 6 kN.
- Ensure the anchorage point is capable of withstanding a minimum static load of 12 kN.
- Maintain a clear fall path below the user, free from obstructions.
- This device is certified to EN 360, ATEX 94/9/CE, EN 13463-1, and EN 13463-6. Ensure compliance with all applicable local regulations and standards.
- Do not modify or alter the device in any way.

- In case of a fall, the device must be immediately removed from service and inspected by a competent person or the manufacturer.

3. Setup and Installation

Proper installation is critical for the effective function of the fall arrester.

1. **Anchoring:** Attach the top steel screw-gate carabiner securely to a suitable anchorage point. The anchorage point must be located directly above the working area to minimize swing fall hazards. Ensure the carabiner gate is fully closed and locked.
2. **Connection to Harness:** Connect the rotating steel carabiner at the end of the retractable cable to the dorsal (back) attachment point of a full-body harness (EN 361 compliant). Ensure the carabiner gate is fully closed and locked.
3. **Cable Management:** Allow the cable to retract and extend freely. Ensure there are no kinks, twists, or obstructions that could impede the cable's movement.
4. **Pre-Use Check:** Before commencing work, perform a thorough visual inspection of the entire system, including the anchorage, fall arrester, and harness. Verify that all connections are secure and that the fall arrester mechanism operates smoothly by gently pulling and releasing the cable.

This image displays the Irudek Sekurblok Retractable Fall Arrester. The central black and blue housing contains the self-retracting mechanism. A galvanized steel cable extends from the bottom of the housing, connected to a rotating steel carabiner with a fall indicator. At the top, a screw-gate steel carabiner is attached to the housing for anchoring.

4. Operating Instructions

The Irudek Sekurblok is designed for ease of use while providing maximum safety.

- **Movement:** The retractable mechanism allows the user to move freely within the working area. The cable will automatically extend and retract, maintaining tension to minimize slack.
- **Fall Arrest:** In the event of a fall, the centrifugal brake mechanism will activate, locking the cable and arresting the fall. The fall indicator on the lower carabiner will show if the device has been subjected to a fall.
- **Post-Fall Procedure:** After a fall, the user must be rescued promptly. The fall arrester must be immediately removed from service and tagged as 'UNUSABLE' until it has been inspected by a competent person or the manufacturer.
- **Working Position:** Always work directly below the anchorage point to prevent pendulum swings in case of a fall, which can cause severe injury.

5. Maintenance and Storage

Regular maintenance and proper storage are essential for the longevity and safety of your fall arrester.

- **Cleaning:** Clean the device with a damp cloth and mild soap. Do not use abrasive cleaners, solvents, or harsh chemicals. Allow to air dry completely away from direct sunlight or heat.
- **Inspection:** A competent person must perform a thorough inspection of the device at least once every 12 months, or more frequently depending on usage and environmental conditions. Keep detailed records of all inspections.
- **Storage:** Store the fall arrester in a cool, dry, and well-ventilated area, away from direct sunlight, corrosive substances, extreme temperatures, and sharp objects.
- **Service Life:** The service life of the device is dependent on its condition, usage, and maintenance. Follow manufacturer guidelines for maximum service life and retirement criteria.

6. Troubleshooting

If you encounter any issues with your Irudek Sekurblok, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Cable does not retract smoothly.	Dirt or debris in the mechanism; cable twisted or damaged.	Clean the device. Inspect the cable for damage or twists. If the issue persists, remove from service.
Carabiner not closing/locking properly.	Dirt in the gate mechanism; damage to the carabiner.	Clean the carabiner. If damaged, replace the carabiner or remove the device from service.
Fall indicator activated.	Device has experienced a fall.	Immediately remove the device from service. Do not use it again until inspected by a competent person or the manufacturer.
Unusual noises during operation.	Internal mechanism issue.	Remove the device from service and have it inspected by a competent person or the manufacturer.

For any issues not listed here, or if troubleshooting steps do not resolve the problem, contact Irudek customer support or a certified service center.

7. Specifications

- **Model:** Sekurblok
- **Manufacturer:** Irudek 2000 S.L.
- **Cable Length:** 10 meters
- **Cable Material:** Galvanized Steel, 4.5 mm diameter
- **Casing Material:** Synthetic
- **Carabiners:** 1 x Steel Screw-Gate (top), 1 x Automatic Rotating Steel with Fall Indicator (bottom)
- **Brake Mechanism:** Centrifugal
- **Usage:** Vertical
- **Maximum Load Capacity:** 136 kg
- **Impact Force:** 6 kN
- **Product Dimensions (L x W x H):** 54.4 x 18.8 x 9.7 cm

- **Product Weight:** 4.4 kg
- **Standards:** EN 360, ATEX 94/9/CE, EN 13463-1, EN 13463-6
- **Reference Number:** 100307700015

8. Support

For further assistance, technical support, or to report any issues, please contact Irudek directly. Information regarding spare parts availability is not provided in the product specifications.
Manufacturer: Irudek 2000 S.L.