

## Purpose / Intent

- This procedure outlines the relevant checks for completing a detailed periodic inspection for Personal Protective Equipment (PPE).
- The detailed inspection should be performed at least once every 12 months and after any exceptional event(s) that may occur during use of the product.
- The inspector should be a competent person and have read and understood all parts of the Inspection Procedure, Periodic PPE Inspection Form, and User Manual.
- The inspector should also stay informed of any changes to inspection requirements, the product and any related recalls, and this documentation.

## Required Materials to Perform the Inspection

- CAPTO User Manual
- CAPTO Inspection Procedure (this document)
- CAPTO Periodic PPE Inspection Form
- A new, un-used CAPTO for comparison
- ~2m of rope within the acceptable parameters for the CAPTO (see back of device)
- Documentation of product history from the user

## Product History

The user shall provide information regarding the lifecycle of the device. Of special importance are:

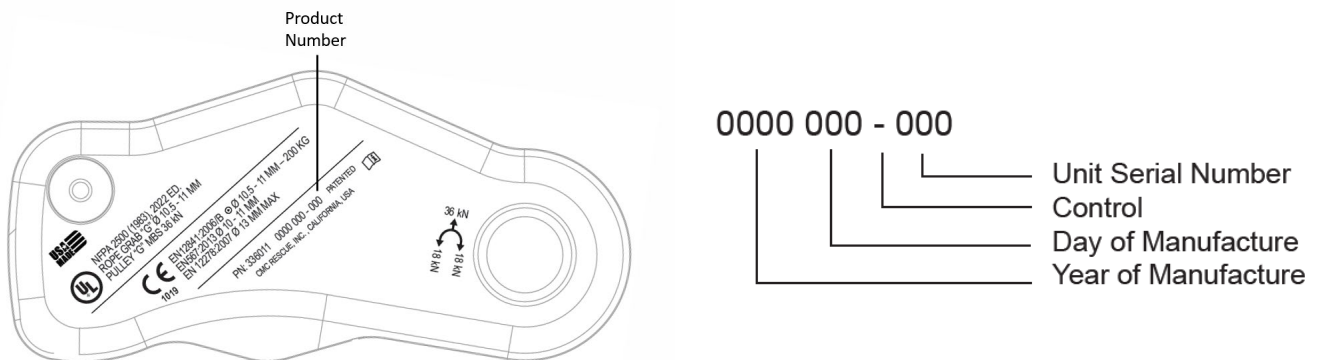
- Date of purchase
- Date of first use
- Usage conditions and amount of use
- Reports on any exceptional event that the device may have experienced. Exceptional events include the following:
  - Dynamic events such as falls
  - Overloading or improper use cases
  - Improper storage, cleaning, or transport
  - Modifications made by parties other than the manufacturer
  - Other exceptional events

Any PPE exhibiting unexpected wear or degradation must be quarantined and undergo a detailed inspection.

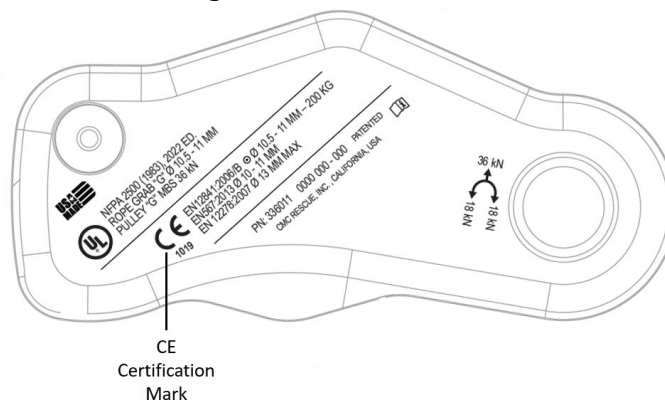
## 1. Visual Inspection

Ensure the presence and legibility of the device markings.

- The **product number** is located on the backside of the chassis.



- Ensure that the **CE certification mark** is legible on the backside of the chassis.



- Visually compare the device to a new CAPTO and check to make sure that there are no missing or modified parts.
- Carefully inspect the entire device for signs of damage such as dents, deep scratches, cracks, yielding or excessive wear. Check for any sharp edges, especially in the areas of the rope path.

## 2. Functional Checks

### 2.1 Cam Movement

With the device open and closed, perform the following checks on the cam:

- Ensure the cam rotates freely, with minimal friction, and closes by itself when released in the open position.
- Verify that the cam does not have excessive ( $\geq 1\text{mm}$ ) play about its axle by pulling and pushing radially from the pivot point.
- Inspect the rivet of the Cam Axle (back of device) for looseness or damage. Ensure that there is no relative motion between the axle and main body of the device.

### 2.2 Side Plate Latch / Side Plate Movement and Function

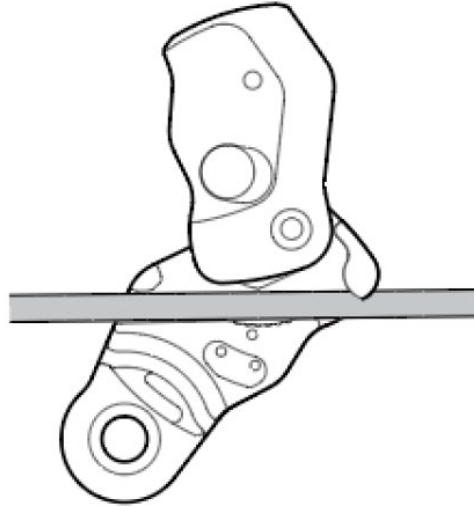
- While holding the Moving Side Plate closed, manually manipulate the latch. Ensure the Side Plate Release Latch moves freely with minimal friction. Verify the Side Plate Release Latch returns to the closed position when released from the open (actuated) position.
- Inspect the rivet of the Side Plate Latch for looseness or damage.
- Open the device. Check that it takes two separate actuations of the Side Plate Release Button to fully open the device. If the latch function becomes impaired, apply lubricant as indicated in the User Manual.
- Inspect three latch pins in the chassis. Check that the two lower pins are flush with the surface of the Chassis. Inspect the sides of the exposed portions of the pins for wear.
- Verify that when the Moving Side Plate is fully open that the cam is also brought to its fully open position.
- Inspect the rivet connecting the Moving Side Plate to the Cam Axle for looseness or damage. Ensure that the Moving Side Plate is free to pivot about the Cam Axle and that the joint reliably guides the moving sideplate into the chassis during closing. Play that could prevent the closing of the Moving Side Plate is unacceptable.
- Close the Moving Side Plate by pushing it into the closed position. The Side Plate Latch should make two successive clicks and securely lock the Moving Side Plate.

### 2.3 Pulley Assembly

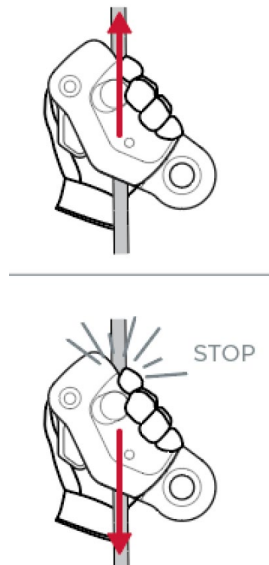
- Ensure that the sheave can rotate with minimal friction.
- Radial play of the sheave greater than 1mm is unacceptable.
- Verify that the Pulley Side Plate is firmly attached to the Device.

## 2.4 Function Check

- Install CAPTO on an anchored rope within the acceptable diameter range as indicated on the device or within the User Manual.



- Ensure CAPTO moves freely towards the anchor, and grabs the rope when pulled away from the anchor.



## Disposition

Use the criteria outlined in the inspection checklist to properly disposition the device. If one or more inspection points are marked as Monitor, then the device should be dispositioned as Monitor. If one or more inspection points are marked as Fail, then the device should be dispositioned as Fail.




## CAPTO™ Periodic PPE Inspection Procedure

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### Disposition States:

- Pass – Continue to use, perform next required periodic check in 12 months.
- Monitor – Use with caution, perform next required periodic check in <12 months (record the date on the Periodic PPE Inspection Form).
- Fail – Do not use, retire the device and destroy it to prevent further use.

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