

BUCKINGHAM MFG.

PN 301SR-Length Multi Use (Training) Inspection Instructions

A complete inspection by a competent person must be performed prior to each use.

The following photos and descriptions outline conditions for which the Buckingham Self Rescue System must immediately removed from service, destroyed, and replaced with new equipment.

Locking Snaphook

- Ensure the Locking Mechanism and Keeper operate freely and smoothly, function properly and keeper closes completely and locks.



SNAPHOOK KEEPER STUCK OPEN

- Inspect to ensure no cracks, corrosion, distortion, nicks, burrs, sharp edges, or excessive wear exist.



CRACKED SNAPHOOK



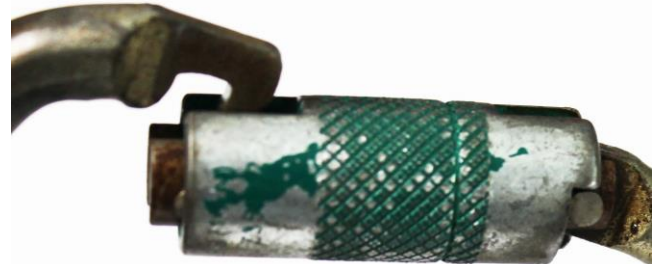
CORRODED SNAPHOOK

Carabiner

- Ensure the Carabiner operates freely and smoothly, functions properly and the gate closes and locks completely. Inspect to ensure no cracks, corrosion, distortion, nicks, burrs, sharp edges, or excessive wear exist.



CORRODED CARABINER



CARABINER GATE STUCK OPEN

Descent Line

- Inspect to ensure no cuts, kinks, abrasions, burns, broken fibers, chemical or physical exposures, excessive wear, swelling, or herniated descent line (core popping through cover) exist.
- Inspect stitched eye to ensure there is no excessive wear, abrasions, cuts, broken, missing or unraveling thread, broken fibers or shrink tube where the descent line attaches to the snap hook eye.



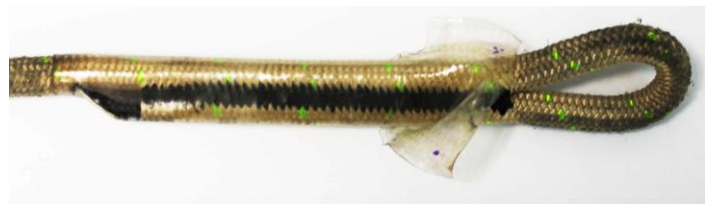
EXCESSIVE WEAR



CUT / BROKEN ROPE



EXCESSIVE WEAR INSIDE OF EYE



BROKEN SHRINK TUBE



BROKEN / PULLED / CUT STITCHING

Descender

- Inspect to ensure there are no cracks, distortion, nicks, burrs, sharp edges, or excessive wear.
- Make sure the descent line is woven through the descender correctly as illustrated on the unit and in figures 9a and 9b of the products instructions and Warnings (packaged with unit).
- Inspect for proper operation of both the brake mechanism and the descent handle mechanism. Also make sure that the descent line slides smoothly through the unit when the handle is depressed to the midpoint position.
- Inspect for excessive wear marks on the descender due to friction from the descent line. Descent Line friction can cause wear marks with sharp edges which will be detrimental to the performance of the rope.
- Perform operational tests as outlined below.

NOTE: Excessive wear to the descender may be indicated by visible wear grooves through the protective coating and into the aluminum frame due to use. If grooves are visibly worn into the aluminum and touching remove the unit from service.



CORRODED DESCENDER WITH EXCESSIVE WEAR GROOVES / MARKS FROM DESCENT LINE FRICTION



WEAR GROOVES / MARKS TOUCHING.

On the Ground Operational Inspections

- Inspect function by standing with both feet on the ground and with no slack in the descent line. Slowly transfer your body weight into the descent line with hands off the descender. The descender should not slip on the descent line. If descender slips remove it from service.



- Inspect function by standing with both feet on the ground and with no slack in the descent line. Slowly transfer your body weight into the descent line and fully depress the descender handle with one hand and tail the rope with the other. The descender should not slip on the descent line. If descender slips remove it from service.

WARNING (IMPORTANT)

THE CONDITIONS OUTLINED IN THE ABOVE PHOTOS ARE NOT ALL INCLUSIVE TO ALL CONDITIONS THAT COULD RENDER THIS SYSTEM UNSAFE. IF ANY EVIDENCE OF WEAR, DETERIORATION, OR IMPACT LOADING AS OUTLINED ABOVE IS OBSERVED, IMMEDIATELY CEASE USE, DESTROY THE PRODUCT AND REPLACE IT WITH NEW EQUIPMENT. SHOULD ANY UNUSUAL CONDITIONS NOT OUTLINED ABOVE BE OBSERVED, OR YOU HAVE REASONABLE DOUBT ABOUT A PARTICULAR CONDITION, REMOVE THE EQUIPMENT FROM SERVICE AND NOTIFY YOUR SUPERVISOR, SAFETY DIRECTOR OR CONTACT BUCKINGHAM MFG. FOR CLARIFICATION

IT IS THE INDIVIDUALS RESPONSIBILITY TO INSPECT HIS/HER EQUIPMENT BEFORE EACH USE AND ADDITIONALLY BY A COMPETANT PERSON OTHER THAN THE RESCUER AT INTERVALS OF NO MORE THAN ONE YEAR. FAILURE TO CAREFULLY AND COMPLETELY INSPECT YOUR EQUIPMENT. COULD RESULT IN SERIOUS INJURY OR DEATH.

Training Recommendations:

Buckingham Mfg. recommends for training that designated 301SR Rescue Systems be used under supervision and continuous inspection; with the trainee at all times utilizing a separate safety belay line.

ANSI Z359.4-2013 states:

“When rescue is necessary, persons performing assisted rescue or self-rescue shall be equipped with an appropriate rescue system as identified by an established rescue plan. The rescue plan shall be prepared by a competent person knowledgeable with rescue site conditions of rescue applications and the associated hazards”.

“The rescue plan shall consider using secondary back-up safety lines for the rescue subject during an operation”.

STATEMENT of OBSOLESCENCE:

Precise “useful life expectancy” or “shelf life” for this product is not specified, as the degree of use, conditions of use, and the degree of care and storage determines useful life. All users maintain responsibility to select proper equipment for the job, be properly trained in its use, and ensure all personnel support equipment passes inspection before each use. Upon evidence of defects, damage or deterioration, all equipment shall be removed from service immediately and tagged or marked as unusable or destroyed. Additionally, all equipment shall be inspected on a regular basis not to exceed one year

by a Competent Person, as defined by OSHA/ANSI, to verify that the equipment is safe for use. In the event of any question or concern regarding the condition of such equipment, users shall remove the equipment from service for further inspection. All users must comply with OSHA/ANSI/ASTM standards prior to and in using such equipment. For more information regarding safe and appropriate use of equipment, please contact Buckingham Manufacturing at 1-800-937-2825.

INTERNATIONAL USERS:

Notwithstanding the above, please know that certain international jurisdictions require manufacturers of equipment to provide customers with a maximum useful lifespan (sometimes referred to as a “Statement of Obsolescence”). To the extent required, Buckingham personal protective equipment manufactured from synthetic fiber materials including but not limited to items such as webbing and/or rope are subject to a maximum useful lifespan of ten (10) years from the date of manufacture. As stated above proper usage, storage, maintenance, and care impacts the useful lifespan of equipment. Extreme circumstances may require that product must be retired after only one use. This statement is made in conformance and compliance with BS EN 365:2004. International users must ensure that product inspections are completed by Competent Persons as defined by international standards including but not limited to British Standard (“BS”). If equipment fails any inspections, it must be immediately withdrawn from service and destroyed. For more information regarding safe and appropriate use of equipment, please contact Buckingham Manufacturing at 1-800-937-2825.

OUR GUARANTEE:

We guarantee the equipment we manufacture to be free from defects in material and workmanship. We will repair any equipment deemed to be defective which is returned to us by the original purchaser. However, this guarantee is void if any product is changed or altered in any way, or if the product is used in a manner other than for which it is intended. This express guarantee supersedes all other expressed or implied guarantees, obligations or liabilities. THERE ARE NO IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE AND AS SUCH, ALL IMPLIED WARRANTIES ARE SPECIFICALLY DISCLAIMED.

LIMITATION ON LIABILITY:

IN NO EVENT WILL BUCKINGHAM OR BUYER BE LIABLE TO THE OTHER FOR LOST REVENUES, LOST PROFITS OR ANY OTHER INDIRECT, CONSEQUENTIAL, SPECIAL OR PUNITIVE LOSSES OR DAMAGES, HOWEVER CAUSED, WHETHER IN ACTION FOR BREACH OF CONTRACT, STRICT LIABILITY, TORT, OR OTHERWISE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH LOSSES OR DAMAGES. IN NO EVENT WILL BUCKINGHAM'S LIABILITY EXCEED THE TOTAL AMOUNT PAID BY BUYER TO BUCKINGHAM FOR THE PRODUCT OR EQUIPMENT GIVING RISE TO SUCH CLAIM(S).

PLEASE SEE OTHER TERMS AND CONDITIONS RELATING TO THIS PRODUCT AT
<https://buckinghammfg.com/terms-conditions/>

BUCKINGHAM MFG.

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