

SKYLOTEC GmbH · Postfach 13 01 52 · 56533 Neuwied · Germany

All Customers

04.01.2016 / ThMe

Inspection notice BEAMTAC (Art. No. AP-017, Batch No. 225376 to 254052)

Immediate inspection necessary:

1. Inspect the swivel D-Ring on the BEAMTAC for any signs that the compression nut has started to unscrew (See Images 1 & 2). The compression nut and bolt should be approx. level and the D-Ring fixed in a position that prevents it moving vertically up and down.



Image 1



Image 2

2. If your inspection indicates the compression nut has started to unscrew and/or the D-Ring can be moved vertically up and down, the BEAMTAC'S life span has been reached and the product must be removed from service
3. If the compression nut and the bolt are still at the same level, mark the position of the nut at the shaft by using red varnish marker (Image 3) to make the next inspection easier and record the information into the inspection log. This process will make it more obvious if the compression nut is starting to loosen by slow rotation which will be shown in the displacement of one half of the red marking.
4. If varnish marker is needed please contact SKYLOTEC by sending the batch number and amount of your BEAMTACs to RaKr@skylotec.de



Image 3

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5. Inspect before each use for displacement of the red marking
6. Evaluate appropriate inspection intervals depending on its use but at least before and after each use by the operator and every six months by a competent person.
7. In case of any doubt send the device including its inspection log to SKYLOTEC.

Root cause:

The design of the BEAMTAC, designed and manufactured by ClimbTech, could have a reduced life span when used extensively, especially when permanently under suspension, e. g. rope access.

In one case SKYLOTEC was advised of an incident from one of our customers. The compression nut came away while the customer was working. The customer, an experienced rope access technician, has been caught by his back-up without injuries. The loosening of the nut has neither been detected during usage nor at the inspection before each use. Depending on the devices clean condition the loosening of the nut is not evidently visible.

Long-term actions:

To extend the life span of the swivel at the BEAMTAC the manufacturer ClimbTech has committed to a more secure fixing of the compression nut with the bolt. **The improved version will be implemented from SKYLOTEC batch number 255937 which is marked at the side of one of the flange hooks.**

SKYLOTEC always recommends to review, calculate and set the necessary inspection interval dependent on the risk analysis containing;

- The recommended minimum inspection interval according to the manufacturer's User Instruction Manual
- Frequency of usage
- Application area
- Experience in the wear out of the equipment by previous inspection results

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