

Precautionary inspection call "IRS QLOCK" safety harness

Neuwied 27.02.2023 - The SKYLOTEC brand stands for highest safety in industrial and for authorities and organizations with security task applications and guarantees this through high standards as well as regular internal tests. During an inspection, faulty retaining rings were discovered on IRS QLOCK harnesses manufactured by SKYLOTEC.

Upon discovery of this defect, which was caused by the supplier of the "bolt", a full investigation and quality control was immediately initiated by SKYLOTEC and a 100% follow-up inspection of all affected harness stocks was performed. During this inspection, further harnesses with this defect pattern could be identified.

In order to ensure that there are no other defective harnesses in circulation, customers are requested to perform a check on the IRS QLOCK harnesses.

End users, distributors, professional users are asked to visually inspect their IRS QLOCK harnesses at the points described below. Since the absence of a retaining ring on the lock bolt is obvious, this can be easily detected by the user and therefore it is only necessary to return the IRS QLOCK harness to SKYLOTEC if the inspector is unsure.

The absence of one retaining ring on the bolt does not pose a risk to the user's safety because the second retaining ring has been fitted merely as a redundancy. Before and after each use of the above product, the correct fit of the retaining rings must be checked. If there is any uncertainty, the fire harness must be taken out of service. See the manufacturer's urgent recommendation for action at the end of the document.

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Product: SKYLOTEC harness
 Serial number: Z-S-GARD-G-1160-###
 Quantity: All affected harnesses
 Date of manufacture: until 02/2023

Picture of product claim:



Pic. 1: installed retaining rings on IRS QLOCK harness (Z-S-GARD-G-1160-###)

The bolt of the buckle, to which a D-ring is attached, shown above, is fixed on one side with two retaining rings. The retaining rings used lock the bolt in its axial position and ensure the correct functioning of the IRS-QLOCK harness. The assembly of the bolt as well as the proper installation of the retaining rings takes place in our production. It has been shown that it is possible that the retaining rings can jump out of the groove of the bolt as a result of brief application of strong force to the bolt (groove side).

Correctly mounted or functioning retaining rings look as shown in Fig. 2 when mounted. The retaining rings are properly mounted if they cannot be removed without a lot of force, e.g. with a slotted screwdriver.



Pic. 2: correctly mounted bolt with two retaining rings of the IRS QLOCK harness

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Urgent recommendation for action by the manufacturer:

A review has shown that not all fire harnesses in circulation are affected.

With immediate effect, the correct fit of the two retaining rings must be checked before - and after - each wearing and use of the IRS QLOCK Retaining Harness. In case of uncertainty, the IRS QLOCK harness is to be taken out of service and submitted to an expert for PPE.

Concerns the product IRS QLOCK harness, Art. No.: Z-S-GARD-1160-###











Four actions steps are to be followed during inspection:

Action step 0	Both retaining clips are installed. The IRS QLOCK harness can be used, no further actions necessary.
Action step 1	The outer retaining ring is not properly fitted into the groove of the bolt. The IRS QLOCK harness can be used, further action is necessary.
Action step 2	There is only one retaining ring fitted in the groove of the bolt. The IRS QLOCK harness can be used, further action is necessary.
Action step 3	Both retaining rings are missing. The IRS QLOCK harness can <u>not be used</u> , further action is required.

Further measures regarding action steps 0-3 are listed in the following table.

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<p>Action step 0</p> 		<p>Correctly fitted retaining rings</p> <p>IRS QLOCK harness is ready to be used!</p>
<p>Action step 1</p> 		<p>The inspection has shown that the outer of the two retaining rings can slide out of the groove when subjected to mechanical action. After finding the situation, the outer retaining ring must be pushed back into the groove by finger force. If there is any uncertainty, a PPE expert should be consulted.</p>
<p>Action step 2</p> 		<p>Two retaining rings are mounted on the IRS QLOCK harness. One of the two is a 100% redundancy, so that the harness can be used if only one retaining ring is present. In this case, the missing second retaining ring must be replaced by a PPE expert after an inspection.</p>
<p>Action step 3</p> 		<p>If it is determined during the inspection that both retaining rings are missing, the IRS QLOCK harness is <u>not ready</u> for use and must be taken to an expert for PPE.</p>

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Further development:

SKYLOTEC is constantly developing its products to provide the best possible solution with the highest quality. In this course, we have developed a new design, which can be replaced with simple tools during an inspection. The newly developed design consists of a new axle and a stop nut.



Pic. 3: new design of the IRS QLOCK harness (Z-S-GARD-G-1160-###)

This new design will be available starting 20.03.2023.

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SKYLOTEC apologizes for the circumstances and thanks you for your understanding and assistance.

Return directly to SKYLOTEC:

In order to handle the return quickly and conveniently, you can create your return label here for a free submission via drop-off at a GLS parcel store. We cannot cover the costs for sending the goods via another parcel service provider. Please be sure to include our return form with your shipment.

SKYLOTEC GmbH
Service Center
Precautionary inspection call IRS QLOCK
Im Mühlengrund 6-8
56566 Neuwied

Send in via the retailer:

You may also return the IRS QLOCK harness through the retailer where you originally purchased the product. Bring your harness and your proof of purchase to your dealer, who will then take care of shipping it to SKYLOTEC. Please be sure to include our return form with your shipment.

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Service Center
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If you have any questions, please send an e-mail to service@skylotec.de.

We will be happy to help you reach the right conclusion. As always with PPE, it is important to have 100% confidence in your equipment.

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