

DIVEX HSE ALERT



HSE Alert No. HSE003-2007

“Helinaut” Sacrificial Hose whips

Part No: C1506B

Divex Ltd.

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DATE	7 th December 2007	COUNTRY:		LOCATION:	
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Product safety notice 003/2007

Divex part # C1506B - "Helinaut" sacrificial reclaim whips

A potential problem has been identified with the C1506B "Helinaut" reclaim hose sacrificial whips, which are used between the Diver's reclaim/exhaust helmet connection and the divers excursion umbilical reclaim hose itself.

The problem which has been identified is:-

Some end fittings/hose barbs are not sufficiently crimped to ensure security!

We have had an incident reported where a Diver in the water had an end fitting coming out of the crimped hose thus losing reclaim.

Whilst not, we believe, life threatening as the Diver will merely lose reclaim and go on "open circuit", this is obviously unacceptable and Divex have put in place measures to address future production and ensure all stock is fully fit for purpose.

These hoses are now made using a Cortland Fibron hose (shiny black smooth hose- with the hose braid "almost visible through the outer jacket").

This hose has an OD of 21mm which results in a finished crimp dia. of 21.3mm - 21.6mm.

Older hoses were made from a JDR hose which had a hose dia. of 22mm - 23 mm and resulted in a finished crimp size of 23.5mm - 23.7mm.

We would advise ALL users of C1506B "Helinaut" sacrificial whips purchased since January 2006 to, as a matter of urgency:-

Check all your base stock and worksite inventory for integrity & security of both end fittings.

Users must for each hose end fitting - check the following:-

- Measure the crimp diameter and ensure they are within the tolerances above.
- The crimp itself is not free to turn.
- Pressure test the hose to 10 Bar and check for leaks
- Perform a pull test on each end by applying a load of 100N (10 kilo's)

Should you find any hoses which:-

- Are out with the crimp tolerance shown above
- Have end fittings or crimps which are or appear to be loose
- Leak.
- Give concern in any way

Divex will rework/replace any faulty hoses without charge.

The returned goods should be sent to your nearest Divex office, carriage charges paid.

For Europe based customers pls return to Divex Ltd. Aberdeen Office, stating the authorised RGA number which our sales/operations dept. shall give you.
Please contact Divex Aberdeen Sales dept. via:-

E-mail sales@divexglobal.com

Phone + 44 - 1224 - 746500

Fax +44 - 1224 - 740172

Please mention Divex Safety notice xx/2007 and the qty of hoses you are going to return & you will be given an RGA # for the authorised return.

Divex shall replace/re-work all returned hoses which are found to be faulty.

Divex have amended the work instructions to ensure the correct crimp diameters are now clearly stated & understood plus we have added a 10 kilo "pull test" in addition to 10 Bar leak testing which every hose is subject to.

In addition Divex have re-trained all our Production Staff in the updated process and **re-emphasised the criticality of production & quality control of "Life Support Equipment"**.

Any queries on this issue should be addressed to:-

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