

CAUTION NOTICE
DVX003-CAU-2013
 May 2013



Divex Caution Notice
 DVX003-CAU-2013

HEAD OFFICE

Enterprise Drive
 Westhill
 Aberdeen
 AB32 6TQ

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SAFETY ISSUE

Products Affected

Astute (Lung Powered Scrubber)	CDLSE
Shadow (Excursion) Rebreather	SLS
SLS Ultrajewel 601	SOBA
Stealth EOD	Stealth EOD-M
Stealth SC	Ultraflow 501 Mask

Part Number DE109-850 – Mushroom Flap Valve

As a result of service work and in build testing completed by Divex it has been identified that Mushroom Flap Valve (DE109-850) made from red silicon has been changed by our Supplier. The original flap valve had a material thickness of 1.0 mm and the updated design has a material thickness of 0.5 mm. This can be seen in figure 1, which shows a noticeable difference between the original flap valve and a recent flap valve when they were both held up to the light.

GLOBAL LOCATIONS

Aberdeen
 Bremen
 Dubai
 Cape Town
 Perth
 Sydney



Figure 1: Comparison between original and recent flap valves



Figure 2: Original Flap Valve during testing



Figure 3: Recent Flap Valve during testing

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Technical Issue

This reduction in thickness has led to the mushroom distorting slightly during testing, which may reduce the effectiveness of the seal, see figures 2 and 3. Please be advised that in all new builds Divex Ltd will only provide mushroom cartridges that have been tested and have found to seal properly.

Divex Ltd has reviewed the circumstances where the mushroom has a potential to be sent to our other international locations direct from stock without testing. Please be advised that all stock of the raw part and where the part is included in minor sub-assemblies have been checked and quarantined. The potential risk is where past deliveries have been made where the raw part is delivered to Client without testing.

For the present Divex advises all users to monitor the performance of the mushroom in your operations and advise if there is anything not operating as expected or causing concern.

Action to Prevent Recurrence

Discussions are ongoing with the Supplier of the mushroom and Divex is confident a solution will be established. Please be assured that currently no mushrooms are being used in any new build unless a specific pressure test has been carried out by our trained and competent Technicians.

Divex is also in the process of performing a design review and testing of modified raw product to establish a suitable solution to ensure no further potential problems of this nature is experienced.

Distribute Divex Caution Notice to all Divex locations;

All Divex personnel associated with design, assembly and testing activities relating to this part must be made aware of this Quality issue.

Clients are requested to perform ongoing checks to ensure that the mushroom is maintaining its shape and function. Divex apologises for any inconvenience caused.

Any queries on this issue should be addressed to:

Kevin Smith (General Manager – QHSE) – ksmith@divexglobal.com

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Signed:

Date: 14 May 2013

Kevin Smith General Manager – QHSE
for and on behalf of Divex Ltd.