



Our Ref: D30677; 23/159647

Mr Trevor Wise
President
Emergency Services Volunteers Association WA
PO Box 348
CLOVERDALE WA 6985

By email: executive.officer@esva.asn.au and president@esva.asn.au

Dear Mr Wise

BREATHING APPARATUS DEMAND VALUE PERFORMANCE ISSUE

On 14 August 2023, the Department (DFES) was notified by its supplier of an issue with a small quantity of Plus Series and PSS Series Lung Demand Valves (LDVs) whose serial numbers range between BRRF-6953 – BRRM-9999 BTRF-0001-BTRM-0964.

The LDV issue relates to the primary lever which was found to be dropping out of the service setting specification, a failure that could result in a significant reduction or full loss of air supply. Although there have not yet been any reports of injuries relating to this LDV failure, due to the significant risks associated, DFES and the supplier are urgently endeavouring to remove all 101 affected LDVs from service.

DFES has issued communications to ensure that affected LDVs are located and returned as soon as possible, including a Safety Circular and a Public Announcement/RapidAlert to all Metropolitan and volunteer stations (see Attachment 1: Determining Serial Number). As a result, all Breathing Apparatus (BA) sets with LDVs in the affected serial number range located in the Metropolitan area (inclusive of Volunteer Brigades) have been withdrawn and replaced. Further, all affected LDVs at career fire and rescue stations in country areas have been withdrawn and replaced. At the time of drafting this letter, some LDVs remain in country Volunteer Brigades and immediate action is being taken by regional District Officers to undertake inspections and withdraw the affected BA sets.

It is expected that the LDV supply will be restored within two weeks. A Plant and Equipment Services employee will be on call to crew the BA van with spares to assist with any shortages in the Metropolitan areas. DFES is committed to the health and safety of all staff and volunteers and has taken the outlined immediate action to reduce any risk.

Yours sincerely

**DARREN KLEMM AFSM
COMMISSIONER**

20 August 2023



SAFETY CIRCULAR 10/2023

File: D30655

August 2023

Draeger PSS7000 Breathing Apparatus Set LDV Failure

Key Message

Draeger Australia have advised that some PSS7000 breathing apparatus (BA) sets may have faulty Lung Demand Valves (LDVs) installed. The fault identified could cause a significant reduction or even total loss of air supplied to the mask.

BA sets with faulty LDV's are to be immediately removed from service.

What happened?

Draeger identified a fault in certain LDV's and the potential for critical failure and have consequently advised DFES.

What do I need to do?

Check the eight-digit ID number on the LDV on all BA sets and complete the form in *Attachment A*.

LDV's with serial numbers between following are to be immediately removed from service:

- BRRF-6953 and BRRM-9999
- BTRF-0001 and BTRM-0964

A full list of affected BA sets is contained in *Attachment B*.

A replacement BA set should be requested via normal processes.



For further information contact Stuart BISS, Manager Plant & Equipment Maintenance via stuart.biss@dfes.wa.gov.au or 9337 0620.

**CRAIG WATERS
DEPUTY COMMISSIONER OPERATIONS**

Target Audience: All Breathing Apparatus Users				
A	B	C	D	Vol
O.I.C. is to communicate content to all relevant personnel under their command, discuss implications, and sign appropriate box above. Once completed Circulars shall be filed on station and forwarded to Information Resources at the end of each financial year.				
SC-10-23	Issue Date:	Contact:		
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Attachment A

Please return to regional District Officer/Manager and email:
BA.store@dfes.wa.gov.au

Appliance/Location	BA Set number	LDV number

LDV's with serial numbers between following are to be immediately removed from service:

 BRRF-6953 and BRRM-9999
 BTRF-0001 and BTRM-0964

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Attachment B

BA Set Number	LDV
SCBA00002	BRRM-2500
SCBA00003	BRRM-9185
SCBA00004	BRRM-9128
SCBA00006	BRRM-9076
SCBA00007	BRRM-9089
SCBA00008	BRRM-9069
SCBA00010	BRRM-9240
SCBA00011	BRRM-9068
SCBA00017	BRRM-9274
SCBA00029	BRRM-9057
SCBA00100	BRRM-9099
SCBA00117	BRRM-9258
SCBA00183	BRRK-3108
SCBA00223	BRRK-3102
SCBA00233	BRRK-3175
SCBA00372	BRRK-3158
SCBA00414	BRRK-3116
SCBA00423	BRRM-9187
SCBA00619	BRRM-9067
SCBA00620	BRRM-9260
SCBA00668	BRRM-9233
SCBA00674	BRRK-3135
SCBA00705	BRRK-3129
SCBA00734	BRRK-3110
SCBA00751	BRRM-2444
SCBA00826	BRRM-9088
SCBA00833	BRRM-9072
SCBA00837	BRRM-2449
SCBA00839	BRRM-9283
SCBA00841	BTRJ-0353
SCBA00864	BRRM-9047
SCBA00953	BRRK-3137
SCBA00984	BRRK-3131
SCBA01022	BTRF-0607

BA Set Number	LDV
SCBA01025	BRRM-9100
SCBA01034	BRRM-9294
SCBA01068	BRRM-9167
SCBA01087	BRRM-2517
SCBA01088	BTRJ-0186
SCBA01089	BTRJ-0198
SCBA01090	BRRJ-9808
SCBA01091	BRRJ-9796
SCBA01092	BTRJ-0185
SCBA01093	BTRJ-0172
SCBA01094	BTRJ-0194
SCBA01095	BTRJ-0192
SCBA01096	BTRJ-0175
SCBA01097	BRRJ-9812
SCBA01098	BRRJ-9795
SCBA01099	BTRL-0191
SCBA01100	BRRJ-9773
SCBA01101	BRRJ-9797
SCBA01102	BTRJ-0201
SCBA01103	BTRJ-0189
SCBA01104	BTRJ-0081
SCBA01105	BRRJ-9801
SCBA01106	BTRJ-0177
SCBA01107	BRRJ-9798
SCBA01108	BTRJ-0183
SCBA01109	BTRJ-0184
SCBA01110	BTRJ-0199
SCBA01111	BTRJ-0141
SCBA01112	BRRJ-9789
SCBA01113	BTRJ-0188
SCBA01114	BTRJ-0180
SCBA01115	BTRJ-0197
SCBA01116	BRRJ-9817
SCBA01117	BRRJ-9802

BA Set Number	LDV
SCBA01118	BRRJ-9832
SCBA01119	BRRJ-9569
SCBA01120	BTRJ-0178
SCBA01121	BRRJ-9811
SCBA01122	BTRJ-0176
SCBA01123	BTRJ-0202
SCBA01124	BRRJ-9835
SCBA01125	BTRJ-0161
SCBA01126	BRRJ-9813
SCBA01127	BTRJ-0196
SCBA01128	BTRJ-0472
SCBA01129	BRRJ-9825
SCBA01130	BTRJ-0479
SCBA01131	BTRJ-0179
SCBA01132	BTRJ-0190
SCBA01133	BRRJ-9783
SCBA01134	BTRJ-0147
SCBA01135	BTRJ-0174
SCBA01136	BTRF-0530
SCBA01137	BTRF-0608
SCBA01138	BTRF-0609
SCBA01139	BTRF-0597
SCBA01140	BTRF-0591
SCBA01141	BTRF-0515
SCBA01142	BTRF-0490
SCBA01143	BTRF-0576
SCBA01144	BTRF-0607
SCBA01145	BTRF-0559
SCBA01146	BTRF-0615
SCBA01147	BTRF-0603
SCBA01148	BTRF-0619
SCBA01149	BTRF-0532
SCBA01150	BTRF-0629

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