

Water control breaching - technical information

New policy number: **758**
 Old instruction number:
 Issue date: **24 June 2011**
 Reviewed as current: **26 January 2024**
 Owner: **Assistant Director, Property and TSS**
 Responsible work team: **Fleet Liaison Engineering and Equipment Team**

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1 Introduction

- 1.1 This policy describes the water control breeching transported on hose layer units (HLU) and explains its operation maintenance and testing.



LFB image id: 233822

2 Description

- 2.1 Four water control breechings are carried on each HLU.
- 2.2 Designed to be used as either a dividing breeching, collecting breeching or as a pressure release valve.
- 2.3 It has two control levers which are used to control water flow or release pressure.
- 2.4 Weight: 24 kg (2-person lift).

3 Safety precautions

- 3.1 Full structural firefighting PPE including gloves, should be worn when operating this equipment.
- 3.2 The water control breeching should be carried by 2 persons.
- 3.3 The two red dots on each connection must be in line before the hose is pressurised.
- 3.4 Ensure that any water supply is turned off/shut down before attempting to release any coupling.

4 Operating instructions

- 4.1 Operating instructions are to be used in conjunction with current training guidance and protocols.
- 4.2 To be used as advised by the bulk media tactical advisor.
- 4.3 Primary function of the water control breeching is to provide a means of releasing pressure in 90mm hose lines if necessary.
- 4.4 When connected as a pressure release valve, ensure that the control valve on the pressure release side is closed and the control valve on the hose line side is open before the hose line is charged. Hose can be connected to the pressure release side to direct the run off if required.

- 4.5 Connect the 90mm hose to the water control breaching using Storz spanners making sure that the Storz couplings are tight and that the red dots on the breaching and the hose coupling line up.

5 Maintenance and testing

- On acceptance
 - After use
 - Quarterly
 - Annually (by the vehicle and equipment (V&E) contractor)
- 5.1 Inspect general condition of the water control breaching.
- 5.2 Make sure that the control valve levers are firmly attached.
- 5.3 Operate the levers from on to off making sure that the ball valves within operate correctly and smoothly and are free from obstruction.
- 5.4 Check the condition and security of the Storz couplings looking for any distortion or damage, paying attention to the lugs.
- 5.5 Inspect the Storz locking collars, ensuring they move freely. Make sure the red dot on each connection is visible.
- 5.6 Check that rubber washers are in place, correctly fitted and that they are in good condition. Inspect for dirt, cuts, damage, or perishing.
- 5.7 Connect a Storz coupling to each of the 3 connections on the breaching using Storz spanners to ensure they fit correctly. Ensure that the red dots on the breaching and the hose coupling line up.
- 5.8 Test results will be recorded on appropriate Standard Test Card.

6 Defects

- 6.1 The water control breaching is a Category B item under the V&E contract.
- 6.2 Defects should be reported on POMS id no. S9979.

7 Associated material

- 7.1 To be read in conjunction with the following material where necessary:
- Policy number 540 – Manual handling operations procedure
 - Policy number 682 – 90mm Hose adaptor kit – technical information
 - Policy number 707 – The control of infection and infectious diseases policy
 - Policy number 724 – Appliance inventories and operational readiness
 - Policy number 749 – Hose layer unit (HLU)
 - Policy number 894 – Delivery hose – 90mm – technical information
 - Policy number 985 – Operational safety management - knowledge skills and competence – NOG
 - Policy number 1000 – Fire contaminants

Document history

Assessments

An equality, sustainability or health, safety and welfare impact assessment and/or a risk assessment was last completed on:

EIA	21/10/20	SDIA	L - 26/10/20	HSWIA	24/11/20	RA	
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Audit trail

Listed below is a brief audit trail, detailing amendments made to this policy/procedure.

Page/para nos.	Brief description of change	Date
Page 1	Responsible work team changed from Engineering Fleet and Equipment Team to Fleet Liaison Engineering and Equipment Team.	30/10/2012
Section 7 Throughout	Associated material added. Reviewed as current.	26/06/2014
Page 4	'Subjects list' table - template updated.	05/01/2015
Throughout	Minor amendments made throughout document, please read fully to familiarise yourself with the latest version.	13/06/2017
Page 1	Owner title updated to 'Technical & Service Support'.	12/01/2018
Section 7 Throughout	Policy number 724 added. 3 yearly review of policy.	25/11/2020
Throughout	Cross references updated.	27/06/2022
Section 7	Policy number 1000 added. Reviewed as current.	26/01/2024

Subject list

You can find this policy under the following subjects.

Hoses and hoses reels	Operational procedures
Procurement	Technical information
Water	

Freedom of Information Act exemptions

This policy/procedure has been securely marked due to:

Considered by: (responsible work team)	FOIA exemption	Security marking classification