

DEFENCE INSTRUCTIONS AND NOTICES (Not to be communicated to anyone outside HM Service without authority)	
Title:	Introduction into service a gas sample cylinder for AT Divers.
Audience:	All AT Diving personnel
Applies:	From 1 st January 2011
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Channel:	04 Equipment and Support and the Defence Estate
Subject:	Support Services; Fuels Support and Operations; Engineering and Scientific Equipment; Diving Equipment.
Content:	Introduces into service a sample cylinder for testing breathing air, against the required MOD specification, used by AT divers.
Sponsor:	Defence Fuels Group
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Keywords:	Test and Measurement Equipment; Gas monitoring equipment; Gas cylinders.
Related info:	JSP 319, The Joint Service Safety Regulations for the Storage, Handling and Use of Gases.
Classification:	UNCLASSIFIED

Introduction into service of a gas sample regime for Adventurous Training (AT) Divers

- 1. Background.** The Defence Fuels Group (DFG) is responsible for the provision of the majority of gas cylinders into the MOD. MOD policy for the storage, handling and use of gas cylinders is detailed in JSP 319.
- The requirement to sample diving quality breathing air is detailed in JSP 319, Part 2, Chapter 6, Section 4. To facilitate a common sampling system and process which is

available to all AT centres the DFG, working with FDHQ, is introducing a sample cylinder. The cylinder is available via the DFG managed Gas Supply Contract.

3. **Sample cylinder.** The sample cylinder is compatible with existing diving quality breathing air charging equipment. It will be dispatched in packaging consisting of an outer tube. Each tube will contain:

- A sample cylinder.
- A set of Standard Operating Procedures explaining how to take a sample and how to return the sample cylinder.
- A form (Form 1) which the Unit will fill in with their contact information and details of the equipment they are sampling.
- Return address and Dangerous Goods contents and hazard labels for the return packaging.
- An anti-tamper plug.

4. **Process.** Once received a sample is taken, following the instructions in the Standard Operating Procedures, and then the sample cylinder is returned to the DFG Contractor complete with report Form 1 and its outer packaging. The DFG contractor will analyse the contents and then issue a report with the results being sent to the originating unit and DSO(AT).

5. **Periodicity.** On a routine basis it is recommended that Units sample their diving quality breathing air charging equipment at least one month before the expiry of the previous test. This will allow the DFG contractor a period of time to co-ordinate a laboratory sampling programme and ensure that a report is issued whilst the equipment remains in-date for use. Urgent requirements will be dealt with on receipt after authorisation by DSO(AT).

6. **Equipment.** The following equipment is available:

- Sample cylinder – O443 / 6830-99-1722256

7. **Demand procedure.** Demand using normal supply procedures.

8. **Additional information.** Any enquiries or further information is available from:

- DFG Safety3, 94379 x4355
- DSO(AT), 93832 x 4137