

Freedom of Information request reference number: 9135.1

Date of response: 1 November 2024

Request:

Hi, I would like to know what BA sets are used by the LFB, such as the SD and EDDBA. And other RPE? Including manufacturer spec And whether all the BA masks are standard issued with BARie sets and masks personal issue? And also whether the sets have voice amplifier. And the durations of the set Inc cylinder capacity .

Response:

Please see the response to each question set out below:-

I would like to know what BA sets are used by the LFB, such as the SD and EDDBA. And other RPE? Including manufacturer spec

London Fire Brigade currently has two different types of BA. Standard duration Breathing Apparatus and Extended Duration Breathing Apparatus. BA sets can be configured for SDBA or EDDBA use.

LFB are using M1 BA sets supplied by MSA. The manufacturer spec can be found on their website: <https://gb.msasafety.com/markets/fire-service>

And whether all the BA masks are standard issued with BARie sets and masks personal issue?
Personal issue face masks will be provided for all operational staff up to the rank of Station Officer and specialist senior officers.

And also whether the sets have voice amplifier.
No voice amplifier. Every BA wearer will have a MSA C1 comms piece.

And the durations of the set Inc cylinder capacity .

The M1 standard duration breathing apparatus (SDBA) set will give a working duration of 26 minutes 6.8L cylinder when applying a consumption rate of 50 litres per minute (LPM) charged to 300 bar.

The M1 BA set can be configured as an extended duration breathing apparatus (EDDBA) set by either combining two single 6.8 litre cylinders with a T-piece adapter or using a twin pack cylinder. The M1 BA set configured for EDDBA will give you a working duration of 46 minutes when applying a consumption rate of 58 litres per minute (LPM) charged to 300 bar.

We have dealt with your request under the Freedom of Information Act 2000. For more information about this process please see the guidance we publish about making a request [on our website](#)