

## **BOHS Conference - RPE**

Brighton – 3<sup>rd</sup> April 2019

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**HM Specialist Inspector**

1. Clear guidance on how to select, use, maintain RPE
2. More guidance on RPE Filters, Storage, Fit Testing (construction sector?)
3. Reliable RPE information -research
4. Simplification of HSE research
5. Simplification of HSG 53

## Sectors to target:

1. **Food/Baking**
2. **Construction**
3. **3D Printing**

# Welcome – What are we going to talk about?

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1. New Face Fit testing Guidance
2. Face Fit Testing Companion Guide
3. Growth of fit testing
4. Protection factors
5. ISO Standards and ISO PL
6. HSE Research
7. HSE Workplan
8. Panel Session – Over to you!!!!!!

# The New Guidance



***IT'S  
HERE!***

## Guidance on respiratory protective equipment (RPE) fit testing



Resources

- Publications

Endorsing third party guidance

- Free leaflets

Popular subjects

Talking Leaflets

+ COSHH Essentials

Newsletters

MDHS

+ HSE Books

Presentations

Videos

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Case studies

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## Guidance on respiratory protective equipment (RPE) fit testing



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This guidance gives advice on RPE fit testing for the employer and those conducting fit tests.

This guidance provides information on RPE fit testing methods, what can be achieved from a fit test and the core information to be included in a fit test report.

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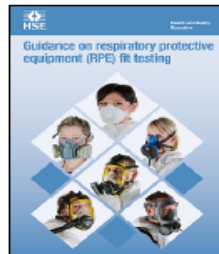


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# Guidance on respiratory protective equipment (RPE) fit testing



This is a web-friendly version of leaflet INDG479 (rev1), published 03/19

## Introduction

This guide gives advice on fit testing for the employer and those conducting fit tests.

This guide provides:

- information on fit test methods;
- information on what can be achieved from a fit test; and
- the core information to be included in a fit test report.

Following this guidance is not compulsory and you are free to take other actions to comply with the requirements of the law. But if you do follow the guidance you will normally be doing enough to comply with the law. Health and safety inspectors seek to secure compliance with the law and may refer to this guidance as illustration of good practice.

HSE does not approve nor recommend any particular fit testing equipment. Any equipment included in this guidance provides representative information.

Further advice on the practical aspects of fit testing is provided by the British Safety Industry Federation (BSIF); this can be found at [www.fit2fit.org](http://www.fit2fit.org).

Fit testing should be conducted by a competent person. Competence can be demonstrated by accreditation under the Fit2Fit RPE Fit Test Providers Accreditation Scheme. This scheme has been developed by the BSIF, together with industry stakeholders, and is supported by HSE. The scheme is not compulsory and employers are free to take other action to comply with the law. Further details on the scheme can be found at [www.fit2fit.org](http://www.fit2fit.org).

Where respiratory protective equipment (RPE) is used as a control measure under health and safety legislation, it is vital that the selected RPE is both adequate and suitable. General advice on selection of RPE is covered in the HSE guidance document *Respiratory protective equipment at work: A practical guide* (HSG53).<sup>1</sup>

To ensure that the selected RPE has the potential to provide adequate protection for individual wearers, the Approved Codes of Practice (ACOPs) supporting the Control of Substances Hazardous to Health Regulations (COSHH),<sup>2</sup> the Control of Lead at Work Regulations,<sup>3</sup> the Control of Asbestos Regulations,<sup>4</sup> the Confined Spaces Regulations<sup>5</sup> and the Ionising Radiations Regulations<sup>6</sup> stipulate that tight-fitting RPE should be fit tested as part of the selection process.

Fit Test Methods

What can be achieved?

Reports



Types

Fit Testers

Fit Factors

Method Selection

Fit testing method				
RPE (type and mask)		Quantitative (QNFT)		Qualitative (QLFT)
		Ambient particle counting	Controlled negative pressure <sup>a</sup>	Taste
Disposable respirator <sup>b</sup>	Half mask	Yes	No	Yes
Reusable respirator	Half mask	Yes	Yes	Yes
	Full-face mask	Yes	Yes	No
Powered respirator	Half mask	Yes	Yes	Yes
	Full-face mask	Yes	Yes	No
Constant flow airline BA	Half mask	Yes	Yes	Yes
	Full-face mask	Yes	Yes	No
Fresh air hose BA	Half mask	Yes	Yes	Yes
	Full-face mask	Yes	Yes	No
Demand valve BA	Half mask	Yes	Yes	Yes
	Full-face mask	Yes	Yes	No
Escape BA	Full-face mask	Yes	Yes	No



Go and get it.....



<http://www.hse.gov.uk/pubns/books/indg479.htm>