

Experts in Safety

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Training Locations

Arco
Chainbridge Road Estate
Tundry Way
Blaydon-on-Tyne
NE21 5TP

Arco
Avon Mill Industrial Estate
Mill Road
Mill Road Industrial Estate
Linlithgow
West Lothian
EH49 7QY

CSTS (Head Office)
Warrington Business Park
Long Lane
Warrington
WA2 8TX

CSTS (Southern Office)
25 Jute Lane
Brimsdown, Enfield
London
EN3 7PF

CSTS
Barns Court, Turners Hill Road
Crawley Down
West Sussex
RH10 4HQ

Total Access (UK) Ltd
Unit 5
Raleigh Hall Industrial Estate
Eccleshall
Staffordshire
ST21 6JL

(For courses and calendar visit: www.totalaccess.co.uk/trainingcourseandcalendar)

● Arco (Linlithgow)

● Arco (Blaydon)

● Hull – Head Office and National Distribution Centre

● CSTS (Head Office), Warrington

● Total Access (UK) Ltd, Eccleshall

● CSTS (Southern), Enfield

● CSTS (Southern), West Sussex



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Arco TRAINING & CONSULTANCY Face Fit Testing



Are your workers wearing Respiratory Protective Equipment (RPE) protected?

*“Recent research has shown that around 50% of RPE used does not offer the wearer the level of protection assumed. The major reason for this is that it simply does not fit!” .**



The latest figures from the HSE Health and Safety Statistics, Annual Report for Great Britain 2014/15 show:**

- About 13,000 deaths each year from work-related lung disease and cancer, are expected to have been caused from past exposure to chemicals and dust.
- Almost all of these deaths were due to work-related cancers, or from Chronic Obstructive Pulmonary Disease (COPD).
- The current figures (based on 2005 data) show there are

at least 8,000 deaths from work-related cancer every year in Great Britain alone.

- There were 2,538 deaths in 2013 due to mesothelioma (a cancer of the lung lining) caused by past exposure to asbestos.
- In 2013 there were 217 deaths where asbestosis was detailed as the primary cause.
- There were another 170 pneumoconiosis deaths in 2013, largely due to coal dust, but with a small number due to silica dust.

Who needs Face Fit Testing?

It is essential for any wearer of tight fitting RPE to ensure it is adequate and suitable.

- **Adequate** – Correct for the hazard and reduces exposure sufficiently to protect the wearer’s health.
- **Suitable** – Correct for the individual, task and environment.

RPE should be selected correctly for the task, and all users must be trained in the correct use of the equipment. Reusable RPE should also be inspected and maintained at required intervals.

In the case of tight fitting respirators, wearers should have a Face Fit Test carried out at the initial selection of the Respiratory Protective Equipment, change of make, style and size of RPE, and change in the wearers facial characteristics.

No one respirator will protect everyone!

How do I find a competent Face Fit Tester?

The Fit2Fit RPE Fit Test Providers Accreditation Scheme was established by the British Safety Industry Federation (BSIF), working with the Health and Safety Executive (HSE) and other industry stakeholders.

By choosing a Fit2Fit accredited Face Fit Tester you can be confident the Tester has completed and met the criteria to be deemed competent in Face Fit Testing.



Our Team



Arco has the largest mobile respiratory protection team in the UK

Arco has a team of 11 Fit2Fit accredited Face Fit Testers covering the UK and Ireland, with over 125 year's experience of Face Fit Testing between them. This experienced team can ensure a consistent service across multi-site organisations, and accredited Face Fit Testing local to all areas in the UK. Our national network of Face Fit Test Providers work throughout the UK and are able to provide testing at an organisation's site. This dramatically reduces the amount of employee down time involved, and is the most efficient way to Face Fit Test large numbers of people.

All members of the Arco Respiratory Team are Fit2Fit Accredited

All members of our team have taken and passed the industry recognised exam and practical assessment for Face Fit Testing, and are Fit2Fit Accredited.

Our team work closely with the BSIF and HSE to promote best practice and to increase the awareness of Face Fit Testing. Our team also includes Assessors in the BSIF Fit2Fit Scheme.



The Arco Respiratory Team has helped to protect over

7,500

workers in the past 12 months alone.

Face Fit Testing Offshore with Opito trained members



Members of the Arco Respiratory Team have completed an offshore survival course to provide offshore customers with face to face fit testing. They completed the Opito Approved course covering Minimum Industry Safety Training, and a three-day Basic Offshore Safety Induction and Emergency Training. The course involves lifeboat launch drills, simulated airlift rescue, fire-fighting, helicopter safety and escape and survival first aid. So whatever your requirement, Arco has trained and accredited assessors who can come to you.



For further information or to book Face Fit Testing, please visit www.safetyservices.arco.co.uk

Or contact Arco Training and Consultancy on **01482 611769**.



Face Fit Testing



Arco conducts two forms of face fit testing, qualitative and quantitative, both result in matching an individual's face shape with a compatible mask to ensure a tight seal is achieved. Our team is able to carry out face fit testing on-site to ensure the RPE selected is adequate, suitable for the environment and protects the wearer.

Qualitative Testing

- Used only for disposable and half face masks.
- The individual wears a hood over the head and shoulders and the tester sprays a bitter solution into the hood.
- The wearer carries out a series of exercises, such as turning the head from side to side.
- If the individual can taste the solution, there is a break in the mask's seal.

Quantitative Testing

- Used for all tight fitting respirators, including Full Face Masks.
- The mask is attached to a particle counting machine (a Portacount).
- The machine detects whether airborne particles are passing into the mask via a break in the seal.
- At the end of the test the machine will give a 'pass' or 'fail'.

Face Fit Testing Training

Our Qualitative and Quantitative training courses cover the 14 points of competency laid out in the HSE 282/28 Fit Testing of Respiratory Protective Equipment Facepieces.

The courses include:

- Selection of adequate and suitable RPE.
- Ability to correctly fit a facepiece and perform pre-use fit checks.
- How to perform a correct Fit Test with the chosen method.
- Interpretation of the Fit Test results.
- HSE Regulations and the Approved Codes of practice relating to Face Fit Testing.

Completing this course will assist any candidate who wishes to complete the Fit2Fit accreditation with BSIF.



Qualitative Face Fit Training

Aimed towards individuals wishing to attain the competence level and carry out Face Fit Testing for half mask and filtering facepieces, as stipulated in document OC 282/28 Para 24.

This will assist in Fit2Fit accreditation.

Learning Outcomes

- Understand the importance of HSE 282/28.
- Understand the theory of qualitative testing.
- Be able to set up a qualitative test kit in accordance with manufacturer's instructions.
- Be able to complete sensitivity test.
- Be able to record details of tester and results of sensitivity test.
- Be able to instruct the candidate in the requirements of the test.
- Complete a fit test in accordance with HSE 282/28.
- Be able to identify poorly and correctly fitting face pieces.
- Interpret the results and rectify any failures.
- Troubleshoot certain problems within the qualitative test equipment.
- Unassemble, store and maintain qualitative kit in accordance with manufacturer's instructions.

Quantitative Face Fit Training

Aimed towards individuals wishing to attain the competence level and carry out Face Fit Testing and maintenance according to the manufacturers instructions as stipulated in document OC 282/28 Para 24.

This will assist in Fit2Fit accreditation.

Learning Outcomes

- Understand the importance of HSE 282/28.
- Understand the theory of quantitative testing.
- Be able to set up a Portacount in accordance with manufacturer's instructions.
- Be able to complete daily checks of equipment.
- Be able to input data into required fields of TSI software.
- Be able to instruct the candidate in the requirements of the test.
- Complete a fit test in accordance with HSE 282/28.
- Be able to identify poorly and correctly fitting face pieces.
- Interpret the results and rectify any failures.
- Trouble shoot certain problems within the Portacount system.
- Unassemble, store and maintain Portacount 8020 in accordance with manufacturer's instructions.

