



Face Fit Testing Webinar

Thursday 25th April 2024



www.shepuk.co.uk



Rebecca Crosland
SHEP Chair
(Head of Health & Safety at BESA)

So what is / who is, SHEP?

For too long, the HSE has been regarded as a form of police force; an enforcement agency actively seeking out those failing to meet the latest set of H&S regulations



So what is / who is, SHEP?



In reality, the last thing that the HSE wishes to do is prosecute organisations and individuals with whom they could have engaged with long before the situation reached litigation.

*The HSE is about protecting lives and improving our working environment. Indeed, this mission is manifest in their strategy document **“Helping GB Work-well.”***



So what is / who is, SHEP?

HSE cannot achieve this objective alone. It requires the co-operation and support of the whole of British industry. It requires an on-going dialogue between the two parties; a partnership; hence the creation of the Safety & Health in Engineering Partnership or “SHEP”



Purpose of today's webinar?

This webinar is designed to provide attendees with information on why face fit testing is so important and what 'good' looks like.



AGENDA

Paul Chamberlain
WeFitRPE Ltd

Q&A

Questions to be placed in the Question box please!



RPE
in the
Work Place
Presented by
Paul Chamberlain

What are the Legal Requirements for selection and usage of RPE?



- **Adequate** = provide effective protection to the Hazard.
- **Suitable** =
 - It is right for the wearer, task and environment, can the wearer work freely and without additional risks due to the RPE.
 - CE mark – UKCA and in date.
 - Used and maintained by properly trained people
 - Correctly examined/maintained regularly and Documented.
 - Tested within the Regulations or Manufacturers Requirement.
 - Stored Correctly in sealed bags or boxes.
- **Wearers MUST be Face Fit Tested on ALL TIGHT FITTING RPE**
- **Clean Shaven in the area of the Mask Seal**

Tight Fitting RPE



Why do I have to be Clean Shaven!?

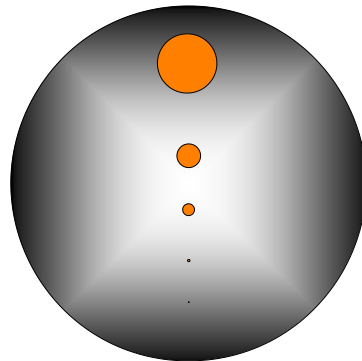


You **MUST** be **CLEAN SHAVEN** in the area of the seal

Will offer no protection

Will not be able to seal against the skin

The Hazards are smaller than a Human Hair.



Scale of Airborne Hazards compared to a Human Hair.

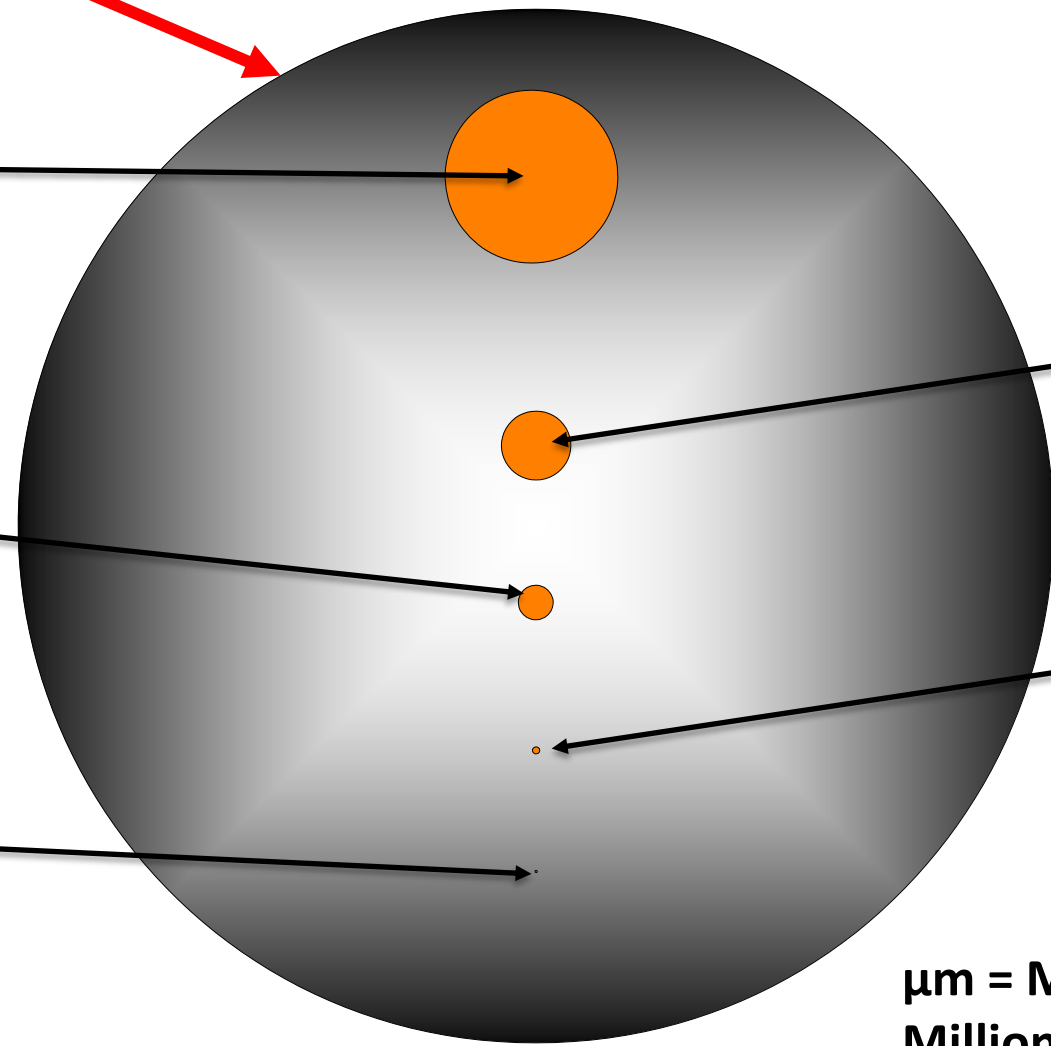


Human Hair 60 - 120 μm

Visible Dust 25 μm

Allergens 5-10 μm

Ultra-fine Particles
0.1 μm Viruses



Non-visible Dust 10 μm
Particles, Fibres, Mist

Metallic Fumes, Gases,
Chemicals, Vapours 0.3-1 μm

μm = Micron. 1 Micron = 1 Micrometre = 1 Millionth of a Metre

ACOP

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- approved by, or conforms to a standard approved by HSE;
- the proper training and supervision of employees in its use. This will include wearers being clean-shaven in the area of the face seal when using tight-fitting RPE;
- regular cleaning, checking and maintenance to ensure that it remains effective.

Guidance

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161 Consulting wearers on the selection of suitable equipment will help ensure that they have the most comfortable equipment best suited for them, which, as a consequence, is more likely to be worn and used correctly.

162 More information about fit testing can be found at www.hse.gov.uk/respiratory-protective-equipment.

ACOP

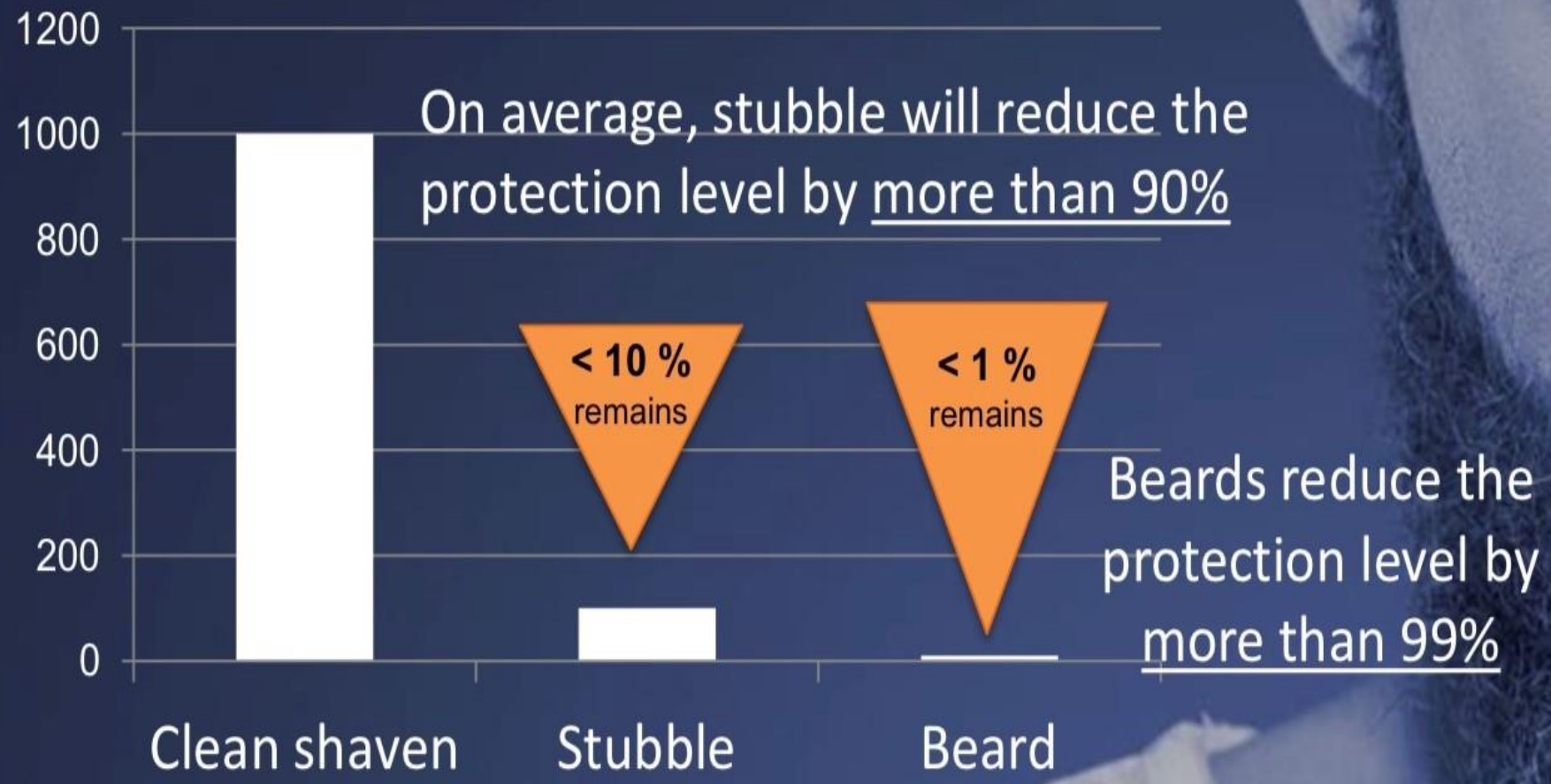
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Facilities for washing, changing, eating and drinking

163 Employers should provide facilities to:

- ensure that employees meet and maintain a standard of personal

FACIAL HAIR AND PROTECTION FACTOR



Types of Powered only RPE. Loose Fitting



Types of Face Fit Testing

Qualitative



Ambient Particle Counting (APC)



Quantitative





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Thank you!



WEBINAR CLOSE

Lydia Barber – Filtermist Limited (*Lydia.Barber@filtermist.com*)

David Frise [CEO] and Charlie Pierpoint – the BESA