

BASICS OF RESPIRATORY PROTECTION STANDARDS

European Section – Virtual Webinar

24th June 2021

WEBINAR AGENDA



- Introduction to ISRP – Professor David Crouch (Section Chair)
- Brexit: Impact on RPE – Graham Clements (BSI)
- EN Vs NIOSH –Filtration Standard Differences – Dr Simon Smith (Ex 3M/Racal)
- The new ISO RPD-Standards-aspects to consider – Wolfgang Drew (Ex ISO)
- *Question & Answers – Ask the Expert*
- *Future Webinars*

INTERNATIONAL SOCIETY FOR RESPIRATORY PROTECTION



- ISRP, is a non-profit organization whose charter is to provide an educational and informational service to all individuals involved in respiratory protection.
- 6 Sections – Europe, Americas, Australasia, Japan, Korea and GC
- The objectives of the Society are to:
 - **Enhance** the **Health and Safety** of persons that use respiratory protection devices.
 - Encourage the development of **Society Standards** and **Best Practices** applicable to the development, implementation, and administration of respiratory protection programs.
 - Promote the research and evaluation of respiratory protection.
 - Encourage the **Exchange of Information** amongst Government, Industry, Organized Labour, Education, Manufacturers and other Professional Organizations.

<https://www.isrp.com/>

BREXIT: IMPACT ON RPE

Graham Clements
Certification Manager PPE, BSI Assurance UK/The Netherlands

BREXIT: IMPACT ON RPE



Graham joined BSI in 2014 as Certification Manager for PPE, direct from the PPE industry, with over 40 years' experience in the design, testing, regulation, training, maintenance and use of PPE. He has previously supported the chemical, pharmaceutical, nuclear, civil resilience, defence and healthcare sectors in developing effective PPE and disaster response solutions for their complex needs. He has worked closely with the Health and Safety Executive (HSE), Governmental organisations, research establishments and trade organisations. He has presented to audiences across the world from different sectors to increase and promote understanding of regulation, medical use and respiratory challenges. As a member of the International Society for Respiratory Protection for over 10 years, he is passionate about ensuring PPE products consistently perform at the highest level, providing the right protection for the wearer, the hazard, and the job in hand.

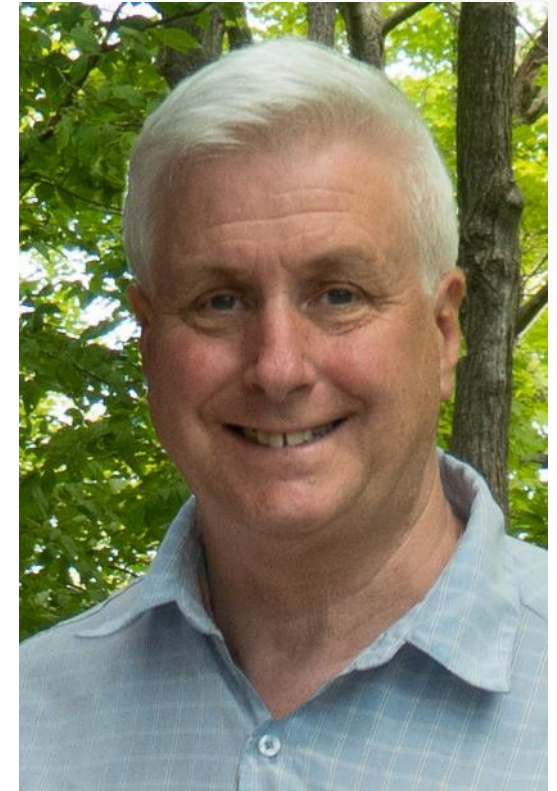
Graham Clements
Certification Manager PPE, BSI Assurance UK/The Netherlands

EN VS NIOSH – FILTRATION STANDARD DIFFERENCES

Dr. Simon Smith (ex 3M and Racal)

SIMON SMITH

- Retired from a career in respirator filter design and testing (Racal/3M)
 - World-wide industrial, military, first responder, healthcare applications
- Contributing to standards development for
 - Canadian Standards Association
 - International Organization for Standardization
 - Institut de recherche Robert Sauvé en santé et en sécurité du travail (Québec)
- Organisational Involvement
 - International Society for Respiratory Protection
 - American Industrial Hygiene Association
 - US National Academies of Sciences, Engineering and Medicine



THE NEW ISO RPD-STANDARDS- ASPECTS TO CONSIDER



Wolfgang Drews
Standardisation Consulting SCXV

(former Dräger Safety employee and former Chair of ISO TC94 SC15)

24th June 2021

THE NEW ISO RPD-STANDARDS- ASPECTS TO CONSIDER



Wolfgang Drews, currently works as consultant for RPD Standardization issues. Formerly he worked for DRAEGER SAFETY, an international manufacturer of respiratory protection and gas detection equipment, located in Luebeck, Germany. Wolfgang's background includes more than 35 years of experience in the field of personal protection equipment. He has considerable experience in design, testing, evaluation and manufacturing of respiratory protection devices and other personal protective equipment in capacities ranging from Design Engineer to Quality Manager for the Personal Protection Division at DRAEGER. He has worked in the standards development and review process within DIN (Germany), CEN (Europe) and ISO nearly 20 years. Wolfgang has worked as Chairman of CEN TC 79 WG6 and ISO TC94 SC 15 Committee for many years responsible in the development of standards for "Respiratory Protective Devices" (RPD).



Wolfgang Drews
Standardisation Consulting SCXV

QUESTION AND ANSWERS

“ASK THE EXPERT”

FUTURE WEBINARS



- *Particulate Pollution – The PM2.5 Crisis – 18th August*
- *Confined Space – The Hidden Hazard – 7th October*
- *Radiological Hazards – 9th December*



THE SOCIETY FOR
RADIOLOGICAL PROTECTION

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[International Society for Respiratory Protection | ISRP](#)

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THANK YOU