

Welcome to the July edition of the BSRIA Information Centre newsletter.

In this month's edition:

Standards just in.

Membership spotlight.

Latest journals and articles.

Building History.

RECENTLY PURCHASED

The newest standards added
to the BSRIA library



GAS INSTALLATIONS

[IGEM/TD/13 Edition 3 - Pressure regulating pipeline installations exceeding 7 bar](#)

[IGEM/UP/19 Edition 2 - Design & application of interlock devices/associated systems in gas appliance installations in catering \(July 2022\)](#)

LIGHTING

[BS 5489-1:2020](#)

[Design of road lighting - Lighting of roads and public amenity areas. Code of practice](#)

ACOUSTICS

[BS ISO 23351-1:2020](#)

[Acoustics. Measurement of speech level reduction of furniture ensembles and enclosures - Laboratory method](#)

[BS EN ISO 11957:2009](#)

[Acoustics. Determination of sound insulation performance of cabins. Laboratory and in situ measurements](#)

INSULATION & STRUCTURE

[BS EN 15026:2023](#)

[Hygrothermal performance of building components and building elements. Assessment of moisture transfer by numerical simulation](#)

QUALITY ASSURANCE

[BS EN ISO/IEC 17050-1:2010](#)

[Conformity assessment. Suppliers declaration of conformity - General requirements](#)

AIR QUALITY & VENTILATION

[BS EN 1751:2024](#)

[Ventilation for buildings. Air terminal devices. Aerodynamic testing of damper and valves](#)

[TR19® Air Specification for Internal Cleanliness and Hygiene Management of Ventilation Systems](#)

[2024 edition available with restricted access]



[Policies and legislation to accelerate the energy transition](#)

Jeff House, director of external affairs and policy at **BAXI**, looks at the role of heat pumps and what needs to change from a policy and legislation perspective – *Energy in Buildings & Industry*. June 2024.

[Setting a standard for effective hybrid design](#)

Ed Morris, technical manager at **Altecnic**, speaks about training and standards with Neil Merrett on the H&V News Live webinar on hybrid heat. Check the report – *H&V News*. July 2024.

[Learning on the job. How Wales leads the way with net zero schools](#)

Vale of Glamorgan council and **ISG** have spent the past 10 years refining and monitoring their standardised school solution and have now gone from gas guzzlers to carbon negative – Thomas Lane reports in *Building Magazine*. June 2024.

[Getting air out of the system](#)

Here, Pete Chamberlain from **Spirotech** looks at the different solutions available for air removal and which types of systems they should be used for – *PHAM News*. June 2024.

[A new model for urban stormwater resilience](#)

Mansfield Sustainable Flood Resilience, UK. **Arup** worked with water company Severn Trent Water and UK water regulator Ofwat to design and implement a first-of-its-kind flood resilience scheme. Peter Holt and Zac Tudor, associates in the Sheffield office, reported on how nature-based drainage systems make a town spongier – *The Arup Journal*. Issue 1.2024.

The Guardian on the net:

[Will my heat pump be a noise nuisance to my neighbours?](#)

The Guardian's journalist Jillian Ambrose talks with Jack Harvie-Clark, director at **Apex Acoustics**

about some of the heat pumps mythbusters and newer, quieter models.

Building Services and Environmental Engineer (BSEE), June and July editions:

Mitsubishi Electric - [your guide to a Net Zero future](#)

Buildings are now identified as being responsible for almost 40% of global carbon emissions, with HVAC equipment a major part of that picture.

Vent-Axia's [Sentinel Apex installed in carbon negative workplace](#)

Leading British ventilation manufacturer Vent-Axia, has supplied its CIBSE award winning Sentinel Apex to provide ventilation for ECO MEP's highly-efficient commercial office environment in Ashford, Kent.

Premises and Facilities Management (PFM) on the net:

[A day in the life of... Laura Newnham](#), Contract Manager, **Atlas** Workplace Services.

Facilities Management Journal (FMJ), June and July editions:

[Public Knowledge. FMJ aims to support technical expertise in the FM market](#)

David Aird, director of strategic projects at **Amey**, discusses digital innovation within a challenging public landscape.

[Pump is up](#)

Rob McCauley, business excellence manager at **Trane UK**, outlines the main reasons why heat pumps should be rising up the FM agenda.

[Continuous learning](#)

Ian Meaden, COO at **EMCOR UK**, argues for organisational commitment to nurturing talent and cultivating a culture of continuous learning.



[Improving the ventilation of a classroom to achieve heating energy savings and better indoor quality.](#)

Building Services Engineering Research & Technology. Vol 45. Number 3. May 2024

[The adaptation of cultural heritage in built environments.](#) *Indoor and Built Environment. Vol 33 Issue 5 June 2024.*

[Impact of urban construction on pedestrian level wind environment in complex building group.](#) *Indoor and Built Environment. Vol 33 Issue 5 June 2024.*

[Numerical modelling of ventilation strategies for mitigating cough particles transmission and infection risk in hospital isolation rooms.](#) *Indoor and Built Environment. Vol 33 Issue 5 June 2024.*

Building History

[Long time no see - air conditioning for the Sistine Chapel](#) – 31 years ago, the newly cleaned and restored ceiling of the Sistine Chapel was protected by an air conditioning system donated to the Vatican by the Carrier Corporation. The article describes its features and how it was installed so as to be as inconspicuous as possible.