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[West Lothian Council Committee Information - View Committee Document](#)

From: [redacted] <[redacted]@fife.gov.uk>

Sent: 14 July 2022 11:50

To: [redacted] <[redacted]@falkirk.gov.uk >; [redacted] <[redacted]@gov.scot>; [redacted]@pkc.gov.uk

Cc: [redacted] <[redacted]@gov.scot>; [redacted] <[redacted]@gov.scot>

Subject: Re: Reinforced Autoclaved Aerated Concrete (RAAC)

[redacted], trust you are well. I attach briefing note from colleagues in West Lothian on the challenges they have experienced.

[redacted]

[redacted]

Senior Manager Property Services

Fife Council

Bankhead Central

Bankhead Park

Glenrothes

KY7 6GH

Tel: 03451 555555 x [redacted]

Mobile: [redacted]

Email: [redacted]@fife.gov.uk

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From: [redacted] <[redacted]@falkirk.gov.uk >

Sent: 14 July 2022 11:45

To: [redacted] <[redacted]@fife.gov.uk>; [redacted] <[redacted]@gov.scot>; [redacted]@pkc.gov.uk

Cc: [redacted] <[redacted]@gov.scot>; [redacted] <[redacted]@gov.scot>;

Subject: RE: Reinforced Autoclaved Aerated Concrete (RAAC)

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[redacted]

I've personally not heard of RAAC nor has this been discussed in the ADES Resources Network over the last few years so I'm unaware if this is an issue.

Given the technical nature of this I'm happy to allow [redacted] (SHOPS) to offer the updates/advice here.

Regards

[redacted]

[redacted]

[redacted]

ADES Resources Network [redacted]
Falkirk Council – Children's Services
01324-[redacted] [redacted]

From: [redacted] <[redacted]@fife.gov.uk>

Sent: 14 July 2022 10:34

To: [redacted]@gov.scot; [redacted]@pkc.gov.uk

Cc: [redacted] <[redacted]@falkirk.gov.uk>; [redacted]@gov.scot; [redacted]@gov.scot

Subject: Re: Reinforced Autoclaved Aerated Concrete (RAAC)

[redacted], if it helps I was referring to the advice in your email of 8 July.

[redacted]

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[redacted]

Senior Manager Property Services

Fife Council

Bankhead Central

Bankhead Park

Glenrothes

KY7 6GH

Tel: 03451 555555 x [redacted]

Mobile: [redacted]

Email: [redacted]@fife.gov.uk>



From: [redacted]@gov.scot

Sent: 14 July 2022 10:27

To: [redacted]@pkc.gov.uk

Cc: [redacted]@falkirk.gov.uk; [redacted] <[redacted]@fife.gov.uk>; [redacted]@gov.scot>; [redacted]@gov.scot>

Subject: RE: Reinforced Autoclaved Aerated Concrete (RAAC)

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Morning [redacted],

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Would you be able to provide the advice from Scottish Fire and Rescue that [redacted] mentions below for RAAC?

Thanks,

[redacted]

[redacted] | School Funding, Infrastructure & Organisation Unit | Scottish Government

I am working from home. My working hours are 08:00 – 16:00, Monday – Friday.

From: [redacted] <[redacted]@fife.gov.uk>

Sent: 08 July 2022 11:20

To: [redacted] <[redacted]@gov.scot>; [redacted]@falkirk.gov.uk;

[redacted]<[redacted]@pkc.gov.uk>

Cc: [redacted] <[redacted]@gov.scot>; [redacted] <[redacted]@gov.scot>

Subject: Re: Reinforced Autoclaved Aerated Concrete (RAAC)

[redacted],

Colleagues at West Lothian previously flagged concerns about RAAC components in some of their schools. I'm not aware if other councils have had the same issues. I will ask [redacted] to share the advice from Scottish Fire and Rescue.

[redacted]

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From: [redacted]@gov.scot

Sent: Friday, July 8, 2022 10:56:28 AM

To: [redacted] <[redacted]@fife.gov.uk>; [redacted]@falkirk.gov.uk

Cc: [redacted]@gov.scot; [redacted]@gov.scot

Subject: Reinforced Autoclaved Aerated Concrete (RAAC)

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Hello [redacted] and [redacted],

We are contacting you in your respective roles on the SHOPS and ADES Resource networks.

The Scottish Fire and Rescue Service has approached the SG in relation to Reinforced Autoclaved Aerated Concrete (please see the below SFRS article).

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We understand that the expectation is that the hazard identification will form part of the normal workplace risk assessment regime under Health and Safety legislation. Therefore, do you know if there has been any work done to identify schools with RAAC in Scotland?

Please get in touch if you have any questions, and thank you in advance for your help.



Failure of Reinforced Autoclaved Aerated Concrete (RAAC) planks

Reinforced Autoclaved Aerated Concrete (RAAC) was used in the construction of hospitals, schools and other public buildings from the 1960s to the 1980s. This material has a lifespan of approximately 30 years and can also be weakened by water ingress. However, in some cases, it has not been replaced after this time.

RAAC has been found in approximately 48 UK hospitals, where it has been used and is still in place. RAAC is mainly used in the construction of flat roofs but has also been found in walls and floors. There are also concerns that it has been used in other buildings. It is difficult to identify unless it has been highlighted in Site-Specific Risk Information.

Organisations have started remedial works to prolong the life of affected structures until they can be replaced. This includes the use of support props and the addition of new wooden or steel beams to support the originals and load bearing structures.

Hazards to consider include:

- Structural collapse affecting hospital services, including oxygen supplies
- Prevalence of asbestos in buildings of this age
- Unknown performance in a fire, although the likelihood of structural collapse increases if RAAC is exposed to heat and water

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Our Protection Policy and Reform Unit (PPRU) is working to raise awareness of this issue among fire protection teams and is planning a joint action with National Operational Learning. We are also working with those across sectors to identify these premises where possible, and relay that information to FRS who have these premises in their areas.

The Standing Committee on Structural Safety has published an article highlighting the [Failure of Reinforced Autoclaved Aerated Concrete \(RAAC\) planks](#)

Further information can also be located at CROSS, who now have a theme page on RAAC at [Structural safety of reinforced autoclaved aerated concrete \(RAAC\) planks | CROSS \(cross-safety.org\)](#).

For more information refer to [Partial or structural collapse: Fires in buildings](#)

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[redacted], pdf email attachment

From: [redacted] <[redacted]@fife.gov.uk>
Sent: 03 August 2022 13:15
To: [redacted] <[redacted]@gov.scot>; [redacted]@falkirk.gov.uk
Cc: [redacted] <[redacted]@gov.scot>; [redacted] <[redacted]@gov.scot>
Subject: RE: NHS Scotland Assure - RAAC

Thanks [redacted]. Now shared with SHoPS.

[redacted]

From: [redacted]@gov.scot
Sent: 03 August 2022 11:59
To: [redacted] <[redacted]@fife.gov.uk>; [redacted]@falkirk.gov.uk
Cc: [redacted]@gov.scot; [redacted]@gov.scot
Subject: NHS Scotland Assure - RAAC

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[redacted] and [redacted],

In case helpful, attached is a document by NHS Scotland Assure regarding their Reinforced Autoclaved Aerated Concrete Survey Programme in 2022 / 2023. NHS Scotland Assure are content for you to disseminate this document through your ADES and SHOPS networks, however, they have asked that the information is treated as confidential.

Further, NHS Scotland Assure have said that they are happy to meet with you to discuss their work to date and the methodology used across the NHS Estate, if useful. The contact is [redacted] ([redacted]): [redacted]@nhs.scot

Regards,

[redacted]

[redacted] | School Funding, Infrastructure & Organisation Unit | Scottish Government

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