

Newsletter

What's new?

New environmental code of practice for PFA grouts. Have you got your copy yet?

The BRE carried out a research project sponsored by the UKQAA, DTI and English Partnerships to produce an environmental code of practice for PFA grouting.

"Stabilising mine workings with pfa grouts" presents a systematic approach to assessing and minimising environment risks associated with the use of pfa by providing guidance on the selection of environmentally compatible and cost-effective materials and techniques for stabilisation of underground cavities.



The information and guidance in this environmental code is based on:

- Laboratory studies at BRE
- Data from the use of pfa grouts
- Information in the literature and
- Expertise from an industry steering group

A report on a detailed BRE laboratory study to assess the leaching characteristics, permeability and physical properties of pfa grouts is included on the accompanying CD-ROM. It draws on field experience, and includes a review of groundwater risk assessment models and a specification for mine infilling works.

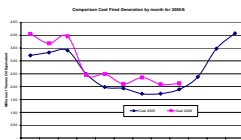
September 2006 Code: BR488
ISBN: 1-86081-909-5
978-1-86081-909-4
Pages 44, Price £50, BRE Connect £30

For more information and how to order [CLICK HERE](#)

Environment Agency and Waste Issue

In January 2007 the first meeting of the WRAP/BREW/EA Quality Protocol TAG takes place. This committee will produce the PFA Quality Protocol that will, hopefully, define the point(s) at which PFA and FBA ceases to be a waste when used in construction. The first document has been drafted based on the work carried out by the Association of Electricity Producers, the Joint Environmental Programme and the UKQAA. At this stage this document simply lists the various applications for PFA and FBA, has flow charts of the production and use of the materials and lists all the relevant standards ash is supplied to. The AEP, JEP and UKQAA will all be represented at the meeting.

Coal fired generation forms the major part of the UK's electricity supply (click [the graph](#) for more information) and fly ash will continue to be produced. It seems only sensible to make the beneficial use of such



secondary products as easy as possible without burdensome bureaucracy. Let's hope the quality protocols achieve this aim.

Standardisation work

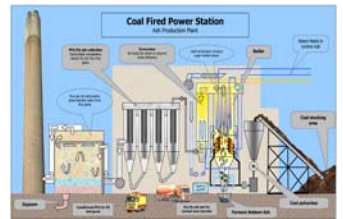
There have been a numbers of standards published recently. The following are the industry relevant ones;

- BS EN 15167-2 2006 including Corrigendum 1 GGBS for use in concrete - Conformity Criteria
- BS EN 15167-1 2006 including Corrigendum 1 GGBS for use in concrete - Specification
- BS 8500-1 2006 Complementary Standard to EN206-1 Specification and guidance for the specifier
- BS 8500-2 2006 Complementary Standard to EN206-1 Specification for constituent materials for concrete
- BS EN 13965-2 2004 Characterisation of Waste - Management Related Terms and Terminology
- BS EN 14899 2005 Characterisation of Waste - PD
CEN TR 15310-1 2006 Characterisation of Waste - Guidance on selection of samples

These are all available for purchase from BSI, using this link <http://www.bsonline.bsi-global.com/server/index.jsp>.

Where have we been?

ScotAsh Seminar 2 November 2006: The UKQAA attended and exhibited at the ScotAsh seminar 'Sustainable Alternatives to Dig and Dump' held at The Inchyra Hotel in Falkirk. This covered all aspects of ground remediation, including non ash approaches, and was well attended by local contractors and consulting engineers in the field. It was an interesting day and well organised – ScotAsh are to be congratulated for putting something back...



Affiliate Membership

Affiliate membership numbers continues to grow, slowly but steadily. If you would like to know more about affiliate membership of the UKQAA then follow this link to our web site:

<http://www.ukqaa.org.uk/JoiningTheUKQAA.html#affiliate>

If you have any suggestions, comments, queries, etc about the work of the UKQAA please contact us as follows:

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