



**Please reply to:** Naue Geosynthetics Limited  
Genesis Centre, Birchwood,  
Warrington, WA3 7BH  
Tel: 01925 810280  
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**BGA MEETING AT THE  
QUALITY HOTEL STONEBRIDGE MANOR, COVENTRY  
AT 11.00 am ON TUESDAY 6<sup>th</sup> SEPTEMBER 2016**

**MINUTES**

**Attendees Confirmed**

Jake Stoyle	NAUE
Peter Atchison	PAGeo
Jim Herbert	ABG
Jacquie Ackroyd	Membrane Testing
Andrew Cooper	Firestone
Lewis Sprowell	Welwyn Tool Group
Ciaran Tierney	PAGEO
Kevin Mitchell	Butek Landline
Paul Colbeck	Geoshield
John Sparks	Geoshield
Tom Low	Gordon Low Products
Anne Amor	Site Sealants
Sean Carr	Sean Carr Lining
Patrick Flood	JUTA
Pamela Howat	A Proctor Group
Kevan Shotter	UK Membranes
Sally Cave	Doncaster Membrane
Gordon Cave	Doncaster Membrane
Chris Quirk	NAUE
Steve McConnell	

**Apologies**

Martin Hamill	TAL
Matt Shaddock	Reeve-Tec
John McMullan	Firestone
Simon Scott	GSE
Marc Smith	GSE
Mel Jones	Celtic Lining
Tim Pearson	HS Butyl
Barrie Ackroyd	Membrane Testing
Martin Cockcroft	Acrefield
Sean Carr	Sean Carr Lining

***Board Members***

*Chairman: Sean Carr*

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CT appoint Chairman temp from JS Gen. Sect

## 2. Minutes

Minutes accepted.

## 3. B/553 Feedback Report and LFE Guidance Note Update

CQ – Verbal Report

BSI on Geosynthetics – Looking CE marking for durability – greater than 25 years – EA LFE – Geogrid wall – highways for England want 120 years. Trying to agree a number with CEN for the industry. Testing houses, academics, manufactures – looking at 50 years for CE marking. Plan is to take it longer. NOT waterproofing (but only GCLs) not gas. Do not agree performance standards. Looking at minimal amount of testing's as a passport between standards.

B553 is the mirror committee for TCI. No influence on other BSI committees.

CEN TC189 – MEMBRNAES N B553 is 2 mm HDPE – we do not want a gas perm test on HDPE

PF – GCLs – geomembranes – gas perm testing.

PA – Working group 6 – geomembrane - CEN committee – ASTM have gas membrane standard. Landfill capping – gas issue – can test to ASTM. CEN - must use CEN EN number. Only show in town for gas permeability.

PA – PF – ISO TC221 WG4 – Better standard for gas through thin membranes – expect using Canada standards as a base for replacement gas transmission standards for geomembranes – then go through ISO – then CEN – expect 4-5 years. In EU – go for landfill directive – no funding in test development.

Path of change – National committee then to EU committee. Change is slow. B553 looks after civil – as Landfill is already stringent regulated – no drive here in industry.

PA – civil and landfill and gas membrane – test different committees.

CQ – EU don't fund for the development of the test. So manufactures need to pay for testing. And the result will be similar to GRI / Landfill directive

PF – no CE standard of gas membrane. Can we push for this?

PA – no drive in EU to try and get gas membranes accepted as an application. CE mark against waterproof standards. TC254 – don't seem to want it.

CQ – compartments – Voting rights on standards. EU will not be interested in a UK problem.

B/553 – focus on durability.

BGA – Voice on LFE notes. With EA move to .gov.uk – stream line websites – being changed to ICOP. Landfill guidance on geomembranes – hosted by ESA. BGA drafted the geomembrane guidance. EA – many products being used that don't meet the LFE Guidance notes. GM 13 standards have improved – any EA – AD Plants, Landfills, Asperity height has changed, stress crack up to 400 hrs

SM – or equivalent – is this the case

CQ – you have to show equivalency. But you must be GM 13.

LFE 3 – Water absorption – products offered that are failing. We require independent testing and thus issues caused problems.

Geotextiles – LFE 7 – Durability – use in geotextile – greater durability that required CE marking. Resistance to weathering – must be complaint with Annex A.

Guidance still on EA website

CT – go straight to live website

CQ – JS we will email update version to that.

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#### 4. NSCC Membership Feedback

PA – NSCC – anything HSE – go through Achilles – time, effort – too much. For small business. Message back from PA – thresholds wrong for our industry – but fell on deaf ears.  
PRE QUAL to follow – but NSCC will put forward a PQQ standardisation – will be similar to Achilles for our industry.  
SM – 7 G to go through – not working  
PA – agree from members to keep pushing that this standard is not appropriate for our industry  
CITB – valued and retained – needs rep from, support, keep retain staff. CITB – not reaching the standard – employers – 2017 – asked to formally support levy agreement. TA members – do you and your members support CITB levy. Build UK want a “feeling” now – before the vote.  
PA / SM – can still claim for NVQ course for CITB. Levey player can claim back £400 per NVQ. Small to medium – we get rid of CITB levy – saves money – but if we don’t support CITB – for training – they are the only show in town – gov won’t replace.  
PA – do we at BGA support? –  
John DR – out  
Steve M – lots of pay – not happy – on balance stay in  
KS – stay in – but more thought  
DC - stay in  
PM – stay in  
PA – CITB – split – but in favour – but not clear cut – will come back in 2017  
Proxy email vote proposed in 2017

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#### 5. TWI BGA Syllabus

PA – Gordon Jenkins – progress well – CSWIP – audited and ok. All CSWIP on landfill will be CSCS card logo so don’t need to go out and get CSCS card. Thanks to those to developed original CSWIP standard.  
Cards TWI – issued 12 months then updated. So current card means approved.

#### 6. Gas Membrane Sub Section

##### **1: Current Lead in on NVQ Assessment and Performance to date**

6.1 – PA waiting list – large uplift – 23 waiting (was 8 last meeting) people applied to assessment level 2 NVQ – gas membranes. 23 from 9 months back log.  
Reliant on 2 assessors – to go as fast as they are able or willing.  
Currently – 10 / 12 year being done. At the moment – 2 years waiting!!  
SM – we need more assessors. Why not Sally from Cave – to help  
Gordan – ok  
Sally – ok  
SM – waterproofing guys – still 12 months to get NSAQ to be an assessor  
SM - can the BGA support Sally  
D Cave – working knowledge – put Sally forward. CSCS CARD may not be on 1 day HSE course to cover many of the items for NVQ. Sit with J Parks CITB – have a standardisation meeting – agree a sign post for basic skills. Neil and Gordon to move forward.  
PA – frustrated - profile on the list or before go on list.  
D Cave – we need the application. 14 candidates – applied on line – had nothing back.  
Can Apply to CITB – then push back to BGA.  
PA – Neil, D Cave – agree a profile – send a form - get answers – then profile the list.  
D Cave – apologies for not being done enough



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John DR – can we speed it up  
D Cave – from plus phone call Neil and D Cave can check if they have the certificate with CITB. HSE is First 3 modules – so need to have done the refresher course.  
PA – can we put a time frame.  
D Cave – like to complete by end of September – meeting with Neil. Write to all people with questionnaire.  
Steve M - KC Mitchell – inexperience go off the list – then more experience go to top.  
KC – Mitchell – looking also putting an assessor forward. Please details for assessor.  
Need is info to NSAC. PA to send

## 2: Progress on validation course accreditation

6.2 – MP Awards. Validation course – Gordon and Mick Corban – run as a pilot – could not get accreditation. NSAQ – won't accredit. NOS. 3 day course. MP Awards – complete.  
Suggest to split – complete course – then assessment to practice. Sign post to NOS – joint MP BGA accreditation. NOT TO NVQ Level. Suggest third trainer. Prepared to offer Neil to do it.

Steve M – NVQ 2 – Can we  
PA – yes – but 2 years to get there.  
Jacquie – need qualified installers and assessors  
John DR – need to stop unqualified verification in our industry  
PA – no qual for assessors.  
Say to LA – get a course that regs need to ask for you.  
KC Mitchel – need a course to get people on.  
PA – we can get an accredited course – leaning and practice  
MPA – assess course – for 3 trainers £2500. Then an Audit course £1009 per year  
PA – propose the course. Second Dance Rev  
VOTE: - All favour – D Cave – no.  
D Cave – can we not get a cheaper course? Can we go further for NVQ  
PA – recommendation – CITB recommended, but to go back to industry – big time cost  
D Cave – concerned Credit and level.  
PA – other 23 – accredit the course to level 4. Happy to do it. D Cave you're welcome to do. If it can be do it without D Cave – but we need your buy in from you.  
CT – look around for next meeting  
D Cave – can we remove it – get another ticket  
AP – will give us accreditation – will give us practical result  
PA / John DR – happy and on side – but want this done first then onto NVQ 4.

ACTION – Second Vote: Unanimous  
PT – Can we raise awareness? Target into CIRIA?  
PA – whole industry – on board – tell training, engineers, tell all engineers – get the course  
It's covered in C735 – covered here – it means – course or other.

## 3: BS8485 and Associated Guidance

PA – BS8485 ISO 15105-1  
BGA – input into practice – includes for testing – BBA require certificate holders to meet 8485 Asked for supply in ground gas.  
Improve quality standard, installation,  
PF – Cabinet office commissioned BS produce a standard by pressure. TC produces House builders, rep. organ. 2007 – Produced – committee that produced closed down. 5 years on - convene a review – it was given to BSI – EH4 – Soil quality – Steve Wilson ,Then bill baker – give to EH4 – need to produce a sub-committee who can re write the standard. Standing committee – all nominated by EH4.7 people. Quality standards for gas – PA voted against – but it went through. Committee has stood down. Document will not be looked at for 5 years.

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150105-1 standard – is passable in main quality products will pass. Difficult, expensive and challenging.

C735 – Materials 80s 90x installation, 2000s, gone back to materials.

PF – CONFUSION IN THE INDUSTRY

PF - BBA – 3<sup>rd</sup> party different test method.

PA – Detailed response given to 8485 process – cannot review for another 4 to 5 years

Steve M – can't be validate – installed – specification – not a gas membrane

Kc mitch – send email to members what is required. Concern on big message

## **7 BGA Accreditation Audit**

Every member on BGA obtained or under process the BGA Comp accreditation – allow to continue this year.

AGENDA – Discuss to put into GAS membrane process PQQ process that's BGA – need some credibility.

## **8 TWI BGA Syllabus**

Remove from future Agenda unless requested

## **9 Website Update**

PA –BGA Website

[www.longbowdesign.biz-bga](http://www.longbowdesign.biz-bga)

New domain = [www.britishgeomembraneassociation.co.uk](http://www.britishgeomembraneassociation.co.uk)

PA – please keep sending information to keep site up to date.

## **10 Financial Report**

Financial report given health of finances is good – detail available if required.

## **10 BGA Expansion and AOB**

Nothing to report

Next meeting Tues 29<sup>th</sup> November

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