

Equipment & Techniques Meeting
Saturday 11th November 2006

Attendees: Andy Pryke, Les Sykes, David Ludlam, Dave Cowley, Bob Mehew

Apologies: Andrew Atkins, Les Willams

	Action/Business	By Whom	By When
Information	<p>Anchor standard Two forms of European standard Mountaineering Standard (Install and forget), higher load specs than PPE PPE Standard (pre inspection & 6 monthly inspection regime) See page Bob's proposal for full detail The testing that was carried out by Les Sykes, and Hilti pre-dates both the above standards, and is thought to have been best industry practice for the time</p>	Bob Mehew	
Action	Les Sykes to look out the original Hilti report	Les Sykes	Next meeting
Agreed	Adopt the mountaineering standard.		
Action	Type Testing to be carried out on the following basis. HitC50 resin anchors to Mountaineering standard to demonstrate existing anchors meet standard Resifix 3+ tested to that standard The above has a pre-requirement of Stu's rig, this will require a great deal of effort.	All	2007
Action	Proposed sites in Yorkshire, Derbyshire, and Wales These site should be with in 200 yards of the road	Regional E&T reps to nominate	Next meeting
Action	Work required on what number of anchors are required at each site to perform the type tests, to provide useful statistical data	Question to Nick Williams	AP by next meeting
Action	<p>Anchors DMM Eco anchor to be carried forward. Cost believed £2.20 plus VAT Re-Sale @ £3.50 (re-sale only to persons trained under BCA scheme) E&T committee authorise LS to approach DMM for a minimum order. Bob asked if it would be possible to have the Anchors stamped BCA</p>	LS – to chase	Next Meeting
Action	<p>Resin NCA account with Exchem, to be held centrally, and BCA to do the central distribution. Les to send details to AP</p> <p>AP to contact Cookie to see if he is happy to receive bills from Echem for central payment</p>	LS to AP AP	Next meeting ASAP
Action	<p>Drills/Batteries LS to get a deal for 3 drills from Hilti + 6 18mm bits in the new year 1 drill to go to Yorkshire, 1 to Derbyshire, 1 to be held centrally for CCC, CSC, and DCUC</p>	LS	Next meeting
Discussion	<p>Forward Budgeting It was agreed that the cost of Drills and Batteries should be considered as a write off over 3 years and built into BCA budgets to replace 3 drills every 3 years Plus 6 Drill bits per annum, and safety glass's</p>	AP/BM	Next BCA council meeting

<p>Agreement</p>	<p>It was also considered that BCA should cover the cost of Drill bits, and Safety equipment, Masks and Safety glasses, gloves.</p> <p>Anchor Testing</p> <p>We need to gain a formal statement from the current record holders, for both better record keeping, actions taken when reports come in of</p> <p>We need to be aware of salt born corrosion cracking/ Stress cracking and hydrogen migration from welds.</p> <p>Installer Validation</p> <p>It was agreed that there should not be a separation of Installer and inspector. (In light of the decision to go with the mountaineering standard for anchors)</p> <p>Future installer training should include an element of assessment on SRT rigging competence, Options for this is follows E & T committee nominate CIC's based on local knowledge Training committee nominate CIC's alternatively BCA could use IRATA Level 2 or 3 holders t Or rope rescue technicians.</p>		
<p>Agreed</p>	<p>It was agreed that installers will automatically be given the equivalent of CIM membership free for X period of time</p> <p>E&T committee will agree the training regime for installers, and its thinking is there likely to be 2 training sessions per annum</p>		
<p>Action</p>	<p>AP and LS to draw up assessment material based on Para 4 appendix 3 of Bobs proposal The equipment committee felt that installers should be trained to install in any region in the country</p> <p>Installer Revalidation Following conditions Attendance of a anchor workshop in every 2 year period – 6 month le way. Plus re-affirmed by RCC. It was felt that there should be some form of re-validation to maintain standards, and control</p> <p>It was felt that no further installation training workshops based on current process should take place in 2007. A new workshop will be pulled together for 2008, and to re-validate existing nominated installers, this will include SRT rigging and underground anchor testing.</p> <p>Anchor Installations and Testing Training In was felt that this should be pulled back centrally, using a base of perhaps 4 to 6 trainers (Perhaps drawn from the regions) Workshop appraisal form to cover quality of the workshop.</p> <p>Consultation list BMC NAMHO Cambrian mines rescue team BCRC ACI MOUNTAIN Rescue Committee and SMRC National Access & Rescue centre Lyon Equipment DMM</p> <p>Anchor Records It was felt that anchor records should include Record of anchor placement Record of anchor inspections (separate record, not an overwrite) Record of anchor defects logged, and actions taken</p>	<p>AP/LS</p>	<p>2008</p> <p>2008</p> <p>When bob's paper is re-written</p>

<p>Action</p>	<p>Going forward Pool all the regional records centrally Installer and testers to be recognised by a BCA code (BCAT123), for a tester, (BCAI456) for installer etc Data to be sent to Bob Mehew, Andy Pryke to support</p> <p>E & T Website Could the members of the E&T committee consider what should be on the website for information to members</p> <p>E & T Forum To be carried forward to next meeting</p> <p>Rope Testing To be carried forward to next meeting Question raised on a long term sling test</p> <p>Techniques Could we consider what we should be looking at and posting on the websites</p>	<p>RCC's to BM</p> <p>All</p> <p>Next meeting</p> <p>Next meeting</p> <p>All</p>	<p>ASAP</p> <p>By Email to AP for next meeting</p> <p>Next Meeting</p>
<p>Action</p>	<p>Stu's / BCA Anchor Puller It was agreed to arrange for collection of Stu's anchor, over the next few of months, this would need to be done with Stu to understand what additional equipment may be needed to get this up and running. Additional equipment to be costed. AP has donated a laptop for use with this, to do the data collection.</p>	<p>AP & LS</p>	<p>ASAP</p>
<p>Discussion</p>	<p>AOB Rock Substrates Should we be considering type testing in other rock substrates, and also in differing limestone's This was left open until the existing standards etc are sorted</p>		
<p>Suggestion</p>	<p>Annual E&T seminar combined with anchor training Practical weekend suggested to bring together installers and interested parties, combine this with E&T meeting. This was agreed as a great idea, and will be discussed in greater detail at a future meeting</p>	<p>Next meeting</p>	
<p>Suggestion</p>	<p>Safety Considerations should be given to installers on risk assessment for equipment, use of, etc, and advise on best practice. I.E Chemicals in mortar, hydraulic hoses on test rigs etc. This was agreed as essential, and should form part of the anchor trainer session</p>	<p>Next meeting</p>	
<p>Action</p>	<p>Minutes to be copied to all RCC secretary</p> <p>Next Meeting TBA</p>	<p>AP</p>	