

**NEW MATERIALS AND METHODS – UNDERGROUND
SUBCOMMITTEE MINUTES**

April 13, 2010

11:00 a.m.

AGC Offices

1906 West Garvey Avenue

West Covina, CA 91790

- I.** Meeting called to order at 11:07 a.m. followed by self-introductions. See list below from sign-in sheet:

NAME	AGENCY/COMPANY	TELEPHONE	E-MAIL ADDRESS
Tom Bea (TB)	Joints	(626) 448-2100	tomtbea@smail.com
Steve Berggren (SB)	Ramtech Laboratories	(562) 633-4824	ramteclab@aol.com
Arturo Chavarria (AC)	Hanson Pipe and Precast	(602) 809-2979	arturo.chavarria@hanson.com
Jerry Cowden (JC)	Rialto Concrete Products	(909) 822-0200	jcowden@ktircp.com
Keith Dart (KD)	Hamilton Kent LLC/MCM	(503) 715-7019	keith@mcmsalesus.com
Curt Gilley (CG) (Chair)	AGC/Terrain Engineering	(916) 952-0704	cwgilley@sbcglobal.net
Richard Julio (RJ)	Consultant	(626) 447-8822	jrlichulio@aol.com
Roger Kohlenberger (RK)	L.A. County D.P.W./CON	(626) 458-4964	rkohlenb@dpw.lacounty.gov
Jay Rechsteiner (JR)	Rinker Materials	(951) 277-2420	jrechsteiner@cemexusa.com
Pardeep Sharma (PS)	Hamilton Kent LLC	(416) 675-7822	parsha@hamiltonkemp.com
Dave Sorem (DS)	ECA/Mike Bubalo Const.	(626) 960-7787	dave@bubalo.com
Keith Womde (KW)	J-K Polysource, Inc.	(775) 233-1524	kwomde@jkpolysource.com
Ryan Wright (RW)	Rinker Materials	(951) 277-2420	rwright@cemexusa.com

- II.** Meeting minutes of March 2010 are approved.

- III.** Announcements:

- A.** The February, 2010 Revision to the Operating Policy and Procedures is posted on the GB website.
- B.** A Revision Submittal Form for submitting changes to GB committees is available for download on the GB website under the “Changes” tab. This form includes a warning regarding the use of proprietary or patented products.

- IV. Old Business:**

- A. Pipe Joint Types and Materials, Table 208-2.2.2(B)** – Discussion continued on the values to include in the table for ozone thresholds. Consensus was reached that there is a mistake in the table of the measurement of ozone resistance, and correction will be needed to change the order of magnitude from ppm (parts per million) to pphm (parts per *hundred* million). D1149 of ASTM uses 50 *pphm* as a maximum threshold for ozone. City of Los Angeles “Brownbook” changed ozone concentration level during testing from 150 pphm to 50 pphm, however the history for this change has not been researched. PS provided handouts and information supporting testing at the 50 pphm level, and stated that there have been no failures during the 50 years or so that this has been the industry standard. Testing at a more severe level is not required by any other standard (only GB), and adds to the product/project cost by requiring a different gasket formulation. Agreement was reached to

change the 100 [pphm] shown in Table 208-2.2.2(B) to the 50 pphm level upon verification of PS assertion regarding no failures in 50 years.

The value of the term “crazing” was discussed as it applies to evaluation of the test. This term is not clearly defined, and no one offered justification of its use over leaving the visual evaluation as simply “cracks”. SB mentioned that ranges should be included under the “Property” heading for making testing practical and consistent.

B. Section 306 Overhaul – CG (and others?) will work on an outline that can be used to break this Section into Subsections for discussion at the task force level. Some Subsections will require only minor revisions while others need a major overhaul. (County of Los Angeles)

V. New Business –

A. None.

VI. Next Meeting: May 18, 2010 at 11:00 a.m.

VII. Adjournment: 11:38 a.m.