Mortar Workability Student Competition
Sunday, April 14, 2013
Minneapolis, MN

ACI 2013 Spring Convention - Mortar Workability Scoring Matrix

			General Requirements						Report		Flowability Testing					Stability Testing							Final Score	
Entry No.	**Specimen ID Code**	**School**	**SCM - 20% to 50%**	**W/C ≤ 0.60**	**Agg gradation reqs (meet C33, 100% pass #4, 60% agg)**	**Two sets raw materials**	**Time Limit (10 mins)**	**Pts Docked**	**Report Hard Copy**	**Report Score**	**Mold Filling Time**	**Time Place**	**Mold Filling Percentage**	**Mold Filling Place**	**Flowability Score**	**M1**	**V1**	**M2**	**V2**	**Stability Index**	**Stability Place**	**Stability Score**	**Final Score**	**Place**
Example	WFGH	University of Terre Haute	Yes	Yes	Yes	Yes	Yes	0	Yes	81	1:11	3	100	1	97	240	91	245	93	0.0030	4	85	90	**2**
#1	STORM	Military Institute of Science and Technology	Yes	Yes	No (too fine)	Yes	Yes	20	Yes	75.9	03:00.0	10	60	10	55	94.9	46	95.6	46	0.0152	2	95	50.23	**10**
#2	VIBE	Military Institute of Science and Technology	Yes	Yes	No (too fine)	Yes	Yes	20	Yes	76.6	00:03.3	2	100	1	98.5	88.1	45	98.5	48	0.0943	3	90	70.90	**4**
#3	MST1	Missouri University of Science and Technology	No (lime)	Yes	Yes	Yes	Yes	20	Yes	81.0	00:19.8	7	100	1	91	92.9	45	91.5	45	0.0311	2	95	69.50	**5**
#4	PSUSC	Pittsburg State University	Yes	Yes	Unknown (no gradation)	Yes	Yes	25	Yes	72.8	00:20.7	8	100	1	89.5	98.2	48	88.2	43	0.0053	1	100	62.95	**7**
#5	TSUSM	Texas State University	Yes	Yes	Unknown (no gradation)	Yes	Yes	25	Yes	74.4	00:38.3	9	100	1	88	109	51	92.7	43	0.0205	4	85	58.85	**9**
#6	UANL3	UNIVERSIDAD AUTÓNOMA DE NUEVO LEÓN	Yes	Yes	No (too fine)	Yes	Yes	20	Yes	91.9	00:07.6	6	100	1	92.5	93.1	46	96	47	0.0186	3	90	71.73	**3**
#7	UANL4	UNIVERSIDAD AUTÓNOMA DE NUEVO LEÓN	Yes	Yes	No (too fine)	Yes	Yes	20	Yes	81.4	00:03.7	3	100	1	97	86.1	46	95.2	46	0.1978	10	55	62.60	**8**
#8	UMKC1	University of Missouri Kansas City	Yes	Yes	Yes	Yes	Yes	0	Yes	81.9	00:05.6	4	100	1	95.5	97.3	45	99.6	44	0.1014	9	60	83.23	**1**
#9	UMWKE	University of Wisconsin Milwaukee	Yes	Yes	No (too fine)	Yes	Yes	20	Yes	84.6	00:06.1	5	100	1	94	92.4	44	94.8	46	0.0391	7	70	65.65	**6**
#10	ISU1	Iowa State University	Yes	Yes	Yes	Yes	Yes	0	Yes (late -50%)	39.0	00:01.7	1	100	1	100	107	49	94.9	44	0.0248	5	80	79.75	**2**
#11																								