	1	2	3	4	5	6	7	8	9	10	11
Method	D1044	D1044	D1044	ECE R43	ECE R43			D1044	ECE R43	ECE R43	ECE R43
Lot#	DW23D2	EE12D2	DD17D2	DD15D3	DW22D2	DD15D3	EH19D2	DS04D1	DY22D2	DY22D2	DW22D2
Load	500g										
Vacuum Gap	1/32"	1 mm	1.1 mm					0.8 mm	1.6 mm	0.8 mm	0.8 - 1.6 mm
Suction Level			100%						100%	100%	100%
Refacing Medium	ST-11	ST-11	ST-11	ST-11	ST-11	ST-11	ST-11	ST-11	ST-11	ST-11	See Comment
Nozzle	11mm	11mm	11mm	8mm	11mm	11mm	11mm	11mm	11mm	8mm	11mm
Hazemeter	Byk-Gardner		Byk-Gardner	Byk-Gardner	LMT Berlin	Byk Gardner		Byk-Gardner	Byk-Gardner	Byk-Gardner	Byk-Gardner
Taber Holder	Yes							Yes			
Conditioning	40 hrs		>40 hrs			36 hrs		36 hrs			
Abraser s/n	968627	894601	20001106	904928	Model 503	20081633	904865	955822-8	771189	771189	71000
Calibration Date	14-04-11	Jun-10	30-03-11	Oct-10	22.03.2011	09-03-11	26.09.2008				20.08.2010

Glass	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**
initial haze	0.32	0.10	0.11	0.18	0.18	0.09	0.08	0.13	0.17	0.13	0.10
σ *initial haze*	*0.02*	*0.00*	*0.03*	*0.02*	*0.02*	*0.02*	*0.03*	*0.05*	*0.06*	*0.06*	*0.01*
Δ Haze	1.42	0.80	1.27	0.92	1.14	1.51	0.65	0.92	1.47	1.90	0.82
σ *Delta haze*	*0.15*	*0.00*	*0.03*	*0.08*	*0.05*	*0.12*	*0.09*	*0.07*	*0.12*	*0.17*	*0.11*
PMMA	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**
initial haze	0.36	0.20	0.30	0.17	0.10	0.11	0.20	0.38	0.30	0.37	0.22
σ *initial haze*	*0.12*	*0.00*	*0.03*	*0.01*	*0.01*	*0.01*	*0.05*	*0.28*	*0.00*	*0.06*	*0.01*
Δ Haze	13.46	7.40	34.99	28.33	3.54	19.75	7.58	9.26	14.67	25.93	6.35
σ *Delta haze*	*2.24*	*1.87*	*5.94*	*5.44*	*0.13*	*0.64*	*0.46*	*1.04*	*4.34*	*6.69*	*1.91*
PC	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**
initial haze	0.33	0.30	0.20	0.19	0.28	0.12	0.33	0.25	0.33	0.40	0.18
σ *initial haze*	*0.14*	*0.17*	*0.03*	*0.01*	*0.20*	*0.02*	*0.42*	*0.02*	*0.06*	*0.26*	*0.01*
Δ Haze	2.33	2.37	14.40	8.71	2.31	4.51	1.83	3.52	39.07	34.10	2.61
σ *Delta haze*	*0.80*	*0.23*	*3.16*	*1.40*	*0.02*	*0.54*	*0.11*	*0.57*	*1.72*	*3.42*	*0.54*

ASTM D1044 (ranked in ascending order based on Glass)

Glass	7	2	11	4	8	5	3	1	9	6	10
	0.65	0.80	0.82	0.92	0.92	1.14	1.27	1.42	1.47	1.51	1.90
	0.09	*0.00*	*0.11*	*0.08*	*0.07*	*0.05*	*0.03*	*0.15*	*0.12*	*0.12*	*0.17*
PMMA	5	11	2	7	8	1	9	6	10	4	3
	3.54	6.35	7.40	7.58	9.26	13.46	14.67	19.75	25.93	28.33	34.99
	0.13	*1.91*	*1.87*	*0.46*	*1.04*	*2.24*	*4.34*	*0.64*	*6.69*	*5.44*	*5.94*
PC	7	5	1	2	11	8	6	4	3	10	9
	1.83	2.31	2.33	2.37	2.61	3.52	4.51	8.71	14.40	34.10	39.07
	0.11	*0.02*	*0.80*	*0.23*	*0.54*	*0.57*	*0.54*	*1.40*	*3.16*	*3.42*	*1.72*

ECE Reg 43 (ranked in ascending order based on Glass)

Glass	7	2	11	4	8	5	3	1	9	6	10
	0.65	0.80	0.82	0.92	0.92	1.14	1.27	1.42	1.47	1.51	1.90
	0.09	*0.00*	*0.11*	*0.08*	*0.07*	*0.05*	*0.03*	*0.15*	*0.12*	*0.12*	*0.17*
PMMA	5	11	2	7	8	1	9	6	10	4	3
	3.54	6.35	7.40	7.58	9.26	13.46	14.67	19.75	25.93	28.33	34.99
	0.13	*1.91*	*1.87*	*0.46*	*1.04*	*2.24*	*4.34*	*0.64*	*6.69*	*5.44*	*5.94*
PC	7	5	1	2	11	8	6	4	3	10	9
	1.83	2.31	2.33	2.37	2.61	3.52	4.51	8.71	14.40	34.10	39.07
	0.11	*0.02*	*0.80*	*0.23*	*0.54*	*0.57*	*0.54*	*1.40*	*3.16*	*3.42*	*1.72*

Unknown Test Procedure (ranked in ascending order based on Glass)

Glass	7	2	11	4	8	5	3	1	9	6	10
	0.65	0.80	0.82	0.92	0.92	1.14	1.27	1.42	1.47	1.51	1.90
	0.09	*0.00*	*0.11*	*0.08*	*0.07*	*0.05*	*0.03*	*0.15*	*0.12*	*0.12*	*0.17*
PMMA	5	11	2	7	8	1	9	6	10	4	3
	3.54	6.35	7.40	7.58	9.26	13.46	14.67	19.75	25.93	28.33	34.99
	0.13	*1.91*	*1.87*	*0.46*	*1.04*	*2.24*	*4.34*	*0.64*	*6.69*	*5.44*	*5.94*
PC	7	5	1	2	11	8	6	4	3	10	9
	1.83	2.31	2.33	2.37	2.61	3.52	4.51	8.71	14.40	34.10	39.07
	0.11	*0.02*	*0.80*	*0.23*	*0.54*	*0.57*	*0.54*	*1.40*	*3.16*	*3.42*	*1.72*

Lab 1: Initial haze values are higher than average initial haze of all labs

Lab 3: Specimen cleaning before & after abrasion used "commercial washing-up liquid in water, rinse with demineralised water"

Lab 4: 8mm vacuum nozzle orifice

Lab 5: Hazemeter manufactured by LMT Berlin; diameter of measuring field 7 ±1mm

Lab 9: Date of manufacture for instrument is 1977, no calibration information provided

Lab 10: Date of manufacture for instrument is 1977, no calibration information provided

Lab 11: Reface with diamond tool refacer, followed by 100 cycles on ST-11 stone, followed by 500 cycles on glass

Question: Only two labs reported using a Taber Holder to mask sample when taking haze reading, what about the others?

Is the company performing calibrations authorized? What parameters do they calibrate? Did lab 9 follow ECE Reg 43 procedure or ASTM D1044?