

Sabzevar Cement Co
Montly Report Cement Of Type II

date:feb2014



Chemical Compositions & Phases %																		Physical Test																
DAY	IR	SiO2	Al2o3	Fe2o3	CaO	MgO	SO3	Na2O	K2O	Cl	LOSS	C3S	C2S	C3A	C4AF	C4AF +2C3A	F.CAO	FINENESS		SETTING TIME		SOUND NESS		COMPRESSIVE STRENGTH Kg/cm2					BEND STRENGTH Kg/cm2			WHITENESS		
																		Sieve 90	Blaine Cm2/gr	INIT (Min)	FINAL (Min)	LEACHETLIER mm	Auto Clave %	1DAY	2DAYS	3DAYS	7DAYS	28DAYS	3DAYS	7DAYS	28DAYS			
1	0.5	20.80	5.47	3.77	61.2	2.8	2.48	0.66	0.54	0.008	1.92	41.9	28.06	8.1	11.5		0.75	2	2970	125	230						210	350	446	45	61	81		
2	0.54	20.78	5.36	3.93	62.26		2.51	0.62	0.5	0.01	1.99	46.7	24.31	7.6	12.0		0.65	2	3050	130	250		0.22				230	387	484	43	69	83		
3	0.54																0.76	1.9	3080	130	245						207	383	465	43	65	73		
4	0.52	20.98	5.33	3.69	61.4		2.5				1.95	42.3	28.24	7.9	11.2		0.8	2	3080	130	250						200	342	416	39	59	65		
5																	0.7	1.7	2970	120	235		0.23				204	325	445	41	66	79		
6																	0.8	1.5	3010	115	200						207	375	422	45	66	76		
7	0.59	20.70	5.49	3.91	62.14		2.5				1.8	46.0	24.61	7.9	11.9		0.83	1.9	3010	120	195		0.2				225	320	450	45	68	78		
8	0.56																0.8	1.8	2980	120	195						249	347	425	47	66	77		
9	0.54	21.06	5.3	3.68	62.28	2.67	2.59				1.91	45.2	26.26	7.8	11.2		0.8	1.8	2990	120	200		0.23				235	339	421	46	67	77		
10																	0.8	1.7	3000	120	200		0.2				206	313	380	41	66	76		
11	0.46	21.46	5.35	3.71	61.14		2.55				1.85	37.3	33.4	7.9	11.3		0.66	1.6	2950	120	210						199	329	485	48	63	75		
12																	0.8	1.6	2970	120	200		0.17				204	322	408	45	56	80		
13																	0.76	1.6	2990	120	205						202	337	469	44	64	77		
14																	0.8	1.9	2970	130	210		0.19				194	325	397	40	58	71		
15	0.45	20.54	5.21	3.71	62.16		2.6				1.95	49.2	21.75	7.5	11.3		0.75	2.3	2970	120	200						180	350	411	47	68	68		
16	0.54	21.34	5.33	3.89	61.32	2.72	2.66				2.09	38.5	32.14	7.5	11.8																			
17																	0.85	1.8	2990	120	205		0.11				217	300	419	45	63	79		
18																	0.76	1.7	2980	115	215						210	342	455	44	68	79		
19	0.49	20.52	5.70	3.67	61.50		2.58				1.91	43.5	26	8.9	11.2		0.65	2	3000	130	220		0.12				238	384	514	42	63	85		
20	0.52	20.62	5.50	3.69	61.06		2.57				1.97	42.3	27.2	8.3	11.2		0.75	1.9	2970	130	220						225	391	500	41	62	69		
21																	0.8	1.9	3030	125	210		0.19				211	342	445	40	60	74		
22	0.46	20.82	5.39	3.65	61.52		2.5				1.79	43.7	26.76	8.1	11.1		0.8	2.1	3080	120	200						217	337	458	41	53	76		
23																	0.75	2.4	3070	12	200		0.19				245	368	485	43	60	76		
24																	0.78	2.1	3080	120	240						215	323	382	42	64	73		
25																	0.9	1.7	3000	120	220						234	354	518	48	63	64		
26	0.44	20.30	5.54	3.7	61.50		2.6				1.79	46.2	23.38	8.4	11.3		0.85	1.9	3050	115	195		0.17				248	374	480	47	60	69		
27	0.48	20.56	6.07	3.42	60.50	2.7	2.65				2.69	36.8	31.17	10.3	10.4		0.8	2	2980	120	195						243	331	376	47	64	72		
28																	0.8	2	2980	120	195		0.17				264	391	502	46	69	80		
29																	0.8	2.1	2960	130	265						248	382	453	48	65	73		
30																	0.9	2	3030	120	215		0.18				232	347	452	42	64	74		
31																																		
Aver	0.509	20.81	5.465	3.725	61.54	2.723	2.561	0.64	0.52	0.009	1.97	43.05	27.17	8.2	11.33	#####	0.781	1.893	3007	118.5	214.5	#####	0.184	#####	#####	#####	220.7	348.6	447	43.97	63.45	75.14	#####	
Min	0.44	20.3	5.21	3.42	60.5	2.67	2.48	0.62	0.5	0.008	1.79	36.81	21.75	7.529	10.41	0	0.65	1.5	2950	12	195	0	0.11	0	0	0	180	300	376	39	53	64	0	
Max	0.59	21.46	6.07	3.93	62.28	2.8	2.66	0.66	0.54	0.01	2.69	49.23	33.4	10.3	11.96	0	0.9	2.4	3080	130	265	0	0.23	0	0	0	264	391	518	48	69	85	0	
S.D	0.044	0.332	0.221	0.133	0.538	0.056	0.06	0.028	0.028	0.001	0.233	3.778	3.444	0.746	0.405	#####	0.061	0.209	41.25	21.07	19.84	#####	0.035	#####	#####	#####	20.12	25.7	39.81	2.706	3.906	5.012	#####	

مدیر کارخانه :

مدیر آزمایشگاه و کنترل کیفی :