

HAM-CIN APPROVED CLSM MIXES

1/25/2012

Producer	Producer Number	Mixture Cert. Number	Date Submitted	Date Approved	Wet Unit Wt.	Cured Unit Wt.	30 Day Strength	90 Day Strength	RE (<=1.0)	Flow (>=8)	Perm. Coeff. (>=1.0E-05)	Resistivity (>=5000)	Comments
ABC Concrete, Inc.	ABC PL-1	ABC CDF-1	3/12/2004	3/19/2004	109.2	94.0	21.0	23.0	0.43	8	3.00E-05	4200	Restricted per HAMCIN 3.2
All-Rite Ready Mix	AR PL-1	AR CDF-1	1/3/2008	1/3/2008	128.9	120.0	29.0	42.0	0.74	8 1/2	2.00E-04	1556	May have low yield. Restricted per HAMCIN 3.2
All-Rite Ready Mix	AR PL-1	AR CDF-2	6/25/2008	7/18/2008	132.1	129.0	41.0	58.0	0.98	8 3/4	7.90E-04	1511	Restricted per HAMCIN 3.2
Cincinnati Fill, Inc.	CF PL-1	CFI CDF-2BJ	2/4/1997	2/6/1997	90.7	70.5	42.5	42.0	0.40	9 1/4	3.29E-04	26519	
Cincinnati Fill, Inc.	CF PL-1	CFI CDF-3	2/4/1997	2/6/1997	91.0	65.2	25.0	27.5	0.27	9 1/4	3.41E-04	29540	
Cincinnati Fill, Inc.	CF PL-1	CFI CDF-3BJ	2/4/1997	2/6/1997	91.4	71.3	72.0	49.0	0.53	9 1/4	3.31E-04	27387	
Cincinnati Fill, Inc.	CF PL-1	CFI CDF-4	2/4/1997	2/6/1997	91.9	66.4	32.0	39.0	0.32	9 1/2	3.36E-04	23915	
Cincinnati Fill, Inc.	CF PL-1	CFI CDF-4BJ	2/4/1997	2/6/1997	91.0	69.7	85.0	69.0	0.56	9 1/4	3.37E-04	26932	
Cincinnati Ready Mix Concrete	CRM PL-1	CRM CDF-1	1/29/2001	3/12/2001	35.0	26.0	48.0	66.0	0.10	8	3.32E-04	220000	
City Wide Ready Mix	CW PL-1	CW CDF-3	1/20/1997	1/30/1997	101.4	89.7	24.0	23.0	0.43	6 1/2	5.00E-05	30000	
Flo Fil Co.		FLO CDF-1	2/10/1997	2/18/1997	95.0	75.8	69.0	56.0	0.57	10	1.10E-04	26729	QC documentaion for mobile mixers required
Greens Fuel &Supply	GF PL-1	GF CDF-1	12/12/1997	12/23/1997	110.2	105.1	53.3	36.3	0.82	10	1.10E-04	22508	
Greens Fuel &Supply	GF PL-2	GF CDF-2	3/24/1998	3/25/1998	95.0	75.8	69.3	56.0	0.57	10	1.10E-04	26729	Low Yield (26.11 CF)
Greens Fuel &Supply		MM CDF-4	3/14/2006	5/1/2006		115.9	20.0	25.0	0.58	8	4.90E-05	9850	
Harrison Ready Mix Concrete	HR PL-1	HR CDF-40	1/10/1997	1/30/1997	134.6	136.7	26.5	41.5	0.86	4 1/2	6.40E-05	50	Restricted per HAMCIN 3.2
Harrison Ready Mix Concrete	HR PL-1	HR CDF-C4	11/13/1998	1/9/1999	134.8	135.0	25.0	38.0	0.82	4	1.20E-04	2500	Restricted per HAMCIN 3.2
Harrison Ready Mix Concrete	HR PL-1	HR CDF-C9	11/13/1998	1/9/1999	133.5	134.0	21.0	35.0	0.74	9	1.20E-04	2100	Restricted per HAMCIN 3.2
Harrison Ready Mix Concrete	HR PL-1	HR CDF-G4	7/1/1997	7/7/1997	131.0	130.3	21.0	34.0	0.71	4 1/2	4.90E-04	7700	
Harrison Ready Mix Concrete	HR PL-1	HR CDF-G9	7/1/1997	7/7/1997	131.7	127.8	23.0	28.7	0.73	9	3.30E-04	4350	Restricted per HAMCIN 3.2
Harrison Ready Mix Concrete	HR PL-1	HR CDF-S10	3/12/2001	5/16/2001	136.1	127.2	30.0	30.0	0.82	10	8.00E-05	4280	
Harrison Ready Mix Concrete	HR PL-1	HR CDF-S4	3/12/2001	5/16/2001	137.0	123.3	33.0	33.0	0.82	4	4.00E-05	4499	
Harrison Ready Mix Concrete	HR PL-1	HR CDF-T4	3/15/1999	3/26/1999	133.4	127.8	28.5	60.5	0.80	4	5.00E-04	4000	Restricted per HAMCIN 3.2
Harrison Ready Mix Concrete	HR PL-1	HR CDF-T9	3/15/1999	3/26/1999	132.6	124.0	35.6	33.5	0.86	11 1/4	7.70E-04	3500	Restricted per HAMCIN 3.2
Harrison Ready Mix Concrete	HR PL-1	HR CDF-S20	9/15/2003	10/13/2003	118.5	116.5	56.0	62.0	0.98	11	5.50E-05	4095	Restricted per HAMCIN 3.2
Hilltop Basic Resources	HT PL-1	HT HBR-1	4/1/1997	4/1/1997	101.4	89.1	42.7	89.1	0.57	8	3.57E-04	26730	
Keesh Construction	Vol Mix Truck	KC CDF-1	8/27/1999	3/24/2000	103.0	97.1	33.0	33.0	0.57	8 1/4	2.90E-04	2047	
Miami Valley Ready Mix	MV PL-1,2	MV CDF-1	1/13/1999	9/22/1999		93.7	20.0	37.0	0.42	8 1/2	3.56E-04	1200	Restricted per HAMCIN 3.2
Morraine Materials	MM PL-1,2	MM CDF-1	12/12/1997	12/23/1997	133.7	133.4	23.0	34.0	0.77	8	3.30E-04	3400	Restricted per HAMCIN 3.2
Morraine Materials	MM PL-1,2	MM CDF-2	12/12/1997	12/23/1997	131.4	131.7	23.0	28.5	0.75	8	3.90E-04	3400	Fast set. Restricted per HAMCIN 3.2
Morraine Materials	MM PL-1,2	MM CDF-3	12/24/2002	3/25/2003	130.0	126.4	21.0	28.0	0.68	8	7.70E-05	4338	
Morraine Materials	MM PL-1,2	MM CDF-4	3/14/2006	5/1/2006		115.9	20.0	25.0	0.58	8	4.90E-05	9850	
Morraine Materials	MM PL-1,2	MM CDF-5	10/4/2007	10/22/2007	134.4	125.5	45.0	26.0	0.98	9 1/2	1.30E-04	773	Restricted per HAMCIN 3.2
Roth Ready-Mix Concrete Co.	Roth PL-1	Roth CDF-1	6/19/1996	11/5/1996		137.6	20	31	0.75	9 1/2	3.76E-04	26730	
Roth Ready-Mix Concrete Co.	Roth PL-1	Roth FF-1	6/19/1996	11/5/1996		130.9	70.0	71.7	1.30	9 1/2	2.60E-05	29542	OK based on demonstrated 3yr removability
Roth Ready-Mix Concrete Co.	Roth PL-1	Roth FF-2		10/10/1997		98.7	65.5	90.0	0.83	5	4.12E-04	30246	
Roth Ready-Mix Concrete Co.	Roth PL-1	Roth FF-3	6/21/1999	6/21/1999	121.0	110.4	63.0		0.96	8	2.30E-05	10000	
Sardinia Concrete	SC PL-1,2,3,4	SC CDF - 1	3/11/2003	3/28/2003	130.9	117.1	35.3	31.7	0.78	8 1/2	1.10E-04		
Spurino Materials, Inc.	SM PL-1	SM CDF -1	4/30/2002	5/1/2002	100.4	88.5	18.0	21.0	0.37	8	9.90E-05	8600	
Turnbull Concrete, Inc.	TC PL-1	TC CDF-1	6/25/1999	9/17/1999	108.1	96.5	27.0	26.0	0.51	8	6.26E-04	3720	
Turnbull Concrete, Inc.	TC PL-1	TC CDF-2	4/24/2003	4/28/2003	131.2	119.1	43.0		0.89	11	1.80E-05	3740	Expires 08/04/2003 pending 90 strength results.
Turnbull Concrete, Inc.	TC PL-1	TC CDF-3	4/24/2003	4/28/2003	137.8	120.4	62.0		1.08	3	4.90E-06	4730	Expires 08/04/2003 pending 90 strength results.
Turnbull Concrete, Inc.	TC PL-1	TC CDF-4	4/24/2003	4/28/2003	133.8	122.6	46.0		0.96	11	1.20E-05	3850	Expires 08/04/2003 pending 90 strength results.