



DEQ AIR QUALITY PROGRAM
1410 N. Hilton, Boise, ID 83706
For assistance, call the
Air Permit Hotline - 1-877-5PERMIT

055-00125 PROJ 01673 \$1000⁰⁰ 500⁰⁰ Rerd Pd 2/17/16 Rerd

General Concrete Batch Plant Form GCBP

Revision 6
1/19/12

RECEIVED

FEB 19 2016

Please see instructions on page 4 before filling out the form.

All information is required. If information is missing, the application will not be processed.

DEPARTMENT OF ENVIRONMENTAL QUALITY
STATE AIR PROGRAM

IDENTIFICATION

1. Company Name Cd'A Redi Mix
2. Facility Name (if different than #1)

FACILITY INFORMATION

3. Primary Facility Permit Contact Person/Title Craig Cozad, President
4. Telephone Number and Email Address 208-691-4241 craigc@cdapaving.com
5. Alternate Facility Contact Person/Title Phill Weist, Estimator
6. Telephone Number and Email Address 208-661-3272 phillw@cdapaving.com
7. Address to which permit should be sent 120 E. Anton Ave
8. City/State/Zip/county Coeurd'Alene, ID Kootenai
9. Equipment Location Address (if different than #8) 1019 N. Beck Road
10. City/State/Zip/county Post Falls, ID 83854
11. Is the Equipment Portable? Yes No

CONCRETE BATCH PLANT

12. Proposed Initial Plant Location: 1019 N. Beck Road
13. Nearest City: Postfalls
14. County: Kootenai
15. Estimated Startup Date: 4-15-16
16. Reason for Application
 Permit to construct a new source
 Permit to operate an existing unpermitted source
 Permit to modify/revise an existing permitted source (identify the permit below)
Permit No.:
Issue Date:
Facility ID:
Terminate Current Permit: Yes No
17. Permit Draft Review Yes No

CONCRETE BATCH PLANT SPECIFICATIONS

18. Manufacturer: Con-E-Co
19. Model: Lo-Pro 12
20. Manufacture Date:
21. Loadout Type: Truck Central
22. Rated Capacity: 220 (cy/hr) (cy/day) (cy/yr)
23. Daily Throughput Options: 500 cy 1000 cy 1500 cy 2500 cy (Select only one (1))

CEMENT STORAGE SILO BAGHOUSE

24. Manufacturer: CON-E-CO
25. Model PJC-3005
26. Stack Height from Ground: 32 (ft)
27. Exit Air Flow Rate (acfm) 850
28. Stack Inside Diameter: 0.92 (ft)
29. Bag Dimensions 8 (# bags) 6'7 ft x 3.2 ft
30. Stack Release Orientation: Horizontal Vertical w/ rain cap Unrestricted Vertical (Select only one (1))

* DISCHARGE AREA 15 (2) 1/16" x 48" SLOTS + (2) 5/8" x 30" SLOTS
WITH TOTAL AREA OF 0.67 FT²

** FILTER ELEMENTS ARE CARTRIDGES WITH EFF. AREA OF 38 FT²

CEMENT STORAGE SILO BAGHOUSE NO. 2

31. Manufacturer:	CON-E-CO	32. Model	PJ-3005
33. Stack Height from Ground:	51 (ft)	34. Exit Air Flow Rate	(acfm) 850
35. Stack Inside Diameter:	.92 (ft)	36. Bag Dimensions	8 (# bags) .67 ft x 3.2 ft
37. Stack Release Orientation:	<input checked="" type="checkbox"/> Horizontal <input type="checkbox"/> Vertical w/ rain cap <input type="checkbox"/> Unrestricted Vertical (Select only one (1))		

CEMENT SUPPLEMENT (FLYASH) STORAGE BAGHOUSE

38. Manufacturer:	CON-E-CO	39. Model	PJ-3005
40. Stack Height from Ground:	51 (ft)	41. Exit Air Flow Rate	(acfm) 850
42. Stack Inside Diameter:	.92 (ft)	43. Bag Dimensions	8 (# bags) .67 ft x 3.2 ft
44. Stack Release Orientation:	<input checked="" type="checkbox"/> Horizontal <input type="checkbox"/> Vertical w/ rain cap <input type="checkbox"/> Unrestricted Vertical (Select only one (1))		

CEMENT SUPPLEMENT (FLYASH) STORAGE BAGHOUSE NO. 2

45. Manufacturer:	CON-E-CO	46. Model	PJ-3005
47. Stack Height from Ground:	51 (ft)	48. Exit Air Flow Rate	(acfm) 850
49. Stack Inside Diameter:	.92 (ft)	50. Bag Dimensions	8 (# bags) .67 ft x 3.2 ft
51. Stack Release Orientation:	<input checked="" type="checkbox"/> Horizontal <input type="checkbox"/> Vertical w/ rain cap <input type="checkbox"/> Unrestricted Vertical (Select only one (1))		

WEIGH BATCHER BAGHOUSE(S)

52. Manufacturer:	CON-E-CO	53. Model	BV-14
54. Stack Height from Ground:	21 (ft)	55. Exit Air Flow Rate	180 (acfm)
56. Stack Inside Diameter:	*** .65 (ft)	57. Bag Dimensions	14 (# bags) .38 ft x 1.33 ft
58. Stack Release Orientation:	<input type="checkbox"/> Horizontal <input type="checkbox"/> Vertical w/ rain cap <input type="checkbox"/> Unrestricted Vertical (Select only one (1))		

INTERNAL COMBUSTION ENGINE SPECIFICATIONS

59. Type of Unit:	<input type="checkbox"/> New Unit <input type="checkbox"/> Unpermitted Existing Unit <input type="checkbox"/> Transfer from current Permit		
60. Engine Displacement:	(liters per cylinder) must be less than 10	61. Predicted Operating Hours	hours/year
62. Engine ID Number:	N/A	63. Brake horsepower:	horsepower (bhp)
65. Construction Date:		64. Certification:	Tier: Select One*
66. Does your engine have an oxidation catalyst?	<input type="checkbox"/> Yes <input type="checkbox"/> No		
67. If your engine has a 500 HP or greater and older than July 11, 2005 select one of the following:	<input type="checkbox"/> CPMS <input type="checkbox"/> CEMS		
68. Stack Height from Ground:	(ft)	69. Exit Air Flow Rate	(acfm)

INTERNAL COMBUSTION ENGINE FUEL DESCRIPTION AND SPECIFICATIONS

70. Fuel Type:	<input type="checkbox"/> Diesel Fuel (gal/hr) <input type="checkbox"/> Natural Gas (cf/hr)	71. Sulfur Content % wt (if diesel)	0.0015%
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INTERNAL COMBUSTION ENGINE SPECIFICATIONS NO. 2

72. Type of Unit:	<input type="checkbox"/> New Unit <input type="checkbox"/> Unpermitted Existing Unit <input type="checkbox"/> Transfer from current Permit		
73. Engine Displacement:	(liters per cylinder) must be less than 10	74. Predicted Operating Hours	hours/year
75. Engine ID Number:	N/A	76. Brake horsepower:	horsepower (bhp)
78. Construction Date:		77. Certification:	Tier: Select One*
79. Does your engine have an oxidation catalyst?	<input type="checkbox"/> Yes <input type="checkbox"/> No		
80. Stack Height from Ground:	(ft)	81. Exit Air Flow Rate	(acfm)

*** DISCHARGE AREA (2) 2" x 12" SLOTS
WITH TOTAL AREA .33 FT²

INTERNAL COMBUSTION ENGINE FUEL DESCRIPTION AND SPECIFICATIONS NO. 2

82. Fuel Type:	<input type="checkbox"/> Diesel Fuel (gal/hr)	<input type="checkbox"/> Natural Gas (cf/hr)	83. Sulfur Content % wt (if diesel)	0.0015%
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WATER HEATER/BOILER SPECIFICATIONS

84. Type of Unit: <input checked="" type="checkbox"/> New Unit <input type="checkbox"/> Unpermitted Existing Unit <input type="checkbox"/> Transfer from current Permit				
85. Boiler ID Number:		86. Rated Power: 2.76 Million British Thermal Units per hour (MMBtu/hr)		
87. Construction Date:		88. Operating hours: 6 hr/day 1250 hr/yr		
89. Stack Height from Ground: (ft)		90. Exit Air Flow Rate		(acfm)

WATER HEATER FUEL DESCRIPTION AND SPECIFICATIONS

91. Fuel Type:	<input type="checkbox"/> Diesel Fuel (gal/hr)	<input type="checkbox"/> Natural Gas (cf/hr)	92. Sulfur Content % wt (if diesel)	0.0015%
	<input checked="" type="checkbox"/> Propane (cf/hr)			

WATER HEATER/BOILER SPECIFICATIONS NO. 2

93. Type of Unit: <input type="checkbox"/> New Unit <input type="checkbox"/> Unpermitted Existing Unit <input type="checkbox"/> Transfer from current Permit				
94. Boiler ID Number: N/A		95. Rated Power: Million British Thermal Units per hour (MMBtu/hr)		
96. Construction Date:		97. Operating hours: hr/day hr/yr		
98. Stack Height from Ground: (ft)		99. Exit Air Flow Rate		(acfm)

WATER HEATER FUEL DESCRIPTION AND SPECIFICATIONS NO. 2

100. Fuel Type:	<input type="checkbox"/> Diesel Fuel (gal/hr)	<input type="checkbox"/> Natural Gas (cf/hr)	101. Sulfur Content % wt (if diesel)	0.0015%
	<input type="checkbox"/> Propane (cf/hr)			

LOADOUT AND FUGITIVE CONTROL EFFICIENCIES

102. Loadout Control Efficiency:		Truck: <input type="checkbox"/> 95% (shroud or equivalent) <input type="checkbox"/> 99% (Baghouse) <input checked="" type="checkbox"/> 99% (shroud w/ water ring)
		Central: <input type="checkbox"/> 99% (Must be routed to baghouse)
103. Fugitive Dust Control Efficiency:		<input checked="" type="checkbox"/> 75% (Typical Best management Practices)
		<input type="checkbox"/> 95% (Mandatory control of aggregate piles with 3-sided bunkers, covered and use of dust suppressant when pile is not being used)

TRANSFER POINTS

104. Number of Transfer Points	3	What is the total number of transfer points at the facility?	3
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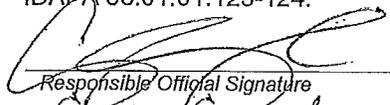
OPERATING HOURS

105. Operating hours of plant	Enter the maximum daily hours of operation	Daylight hours only? <input type="checkbox"/> Yes <input type="checkbox"/> No
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* If engine is Tier certified 1, 2, 3, or 4 and subject to emission standards within 40 CFR 89 or 40 CFR 1039 attach as part of this application the engine manufacturer's EPA Tier 1, Tier 2, Tier 3 or Tier 4 Exhaust Emission Compliance Statement.

PERF Form is completed, signed and attached (only if a portable source)

Certification of Truth, Accuracy, and Completeness (by Responsible Official, as defined in IDAPA 58.01.01.006) I hereby certify that based on information and belief formed after reasonable inquiry, the statements and information contained in this and any attached and/or referenced document(s) are true, accurate, and complete in accordance with IDAPA 58.01.01.123-124.

 Responsible Official Signature <hr/> Print or Type Responsible Official Name Craig Corad	President Responsible Official Title	2-15-16 Date
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