

PARTICULATE MATTER LIMITATIONS FOR LAKE COUNTY

326 IAC 6.8-2-8 Cargill, Inc.

Authority: IC 13-14-8; IC 13-17-3-4; IC 13-17-3-11

Affected: IC 13-15; IC 13-17

Sec. 8. Cargill, Inc., in Lake County, source identification number 00203, shall meet the following emission limits:

Source	Stack Number	Emission Limits	
		lbs/hr	gr/dscf
Corn syrup solids dust collection system number 2	18-03-R	0.30	0.01
Corn screening system	30-16-G	0.06	0.01
Corn receiving and storage-bin vent #5	33-01-G	0.171	0.02
Corn receiving and storage-bin vent #6	33-02-G	0.171	0.02
Corn cleaner	33-03-G	0.21	0.01
Batch scale hopper #1	34-01-S	0.04	0.01
Dextrin starch reactor #1	34-02-S	0.180	0.01
Dextrin starch cooler #1	34-03-S	0.042	0.01
Surge hopper #1	34-05-S	0.11	0.01
Dextrin feed hoppers: 1 and 2 (System 1)	34-06-S and 34-07-S	0.030	0.01
Dextrin starch cooler	34B-01-S	0.042	0.01
Surge hopper #2	34B-03-S	0.114	0.01
Dextrin starch reactor #2	34B-04-S	0.179	0.01
Dextrin feed hoppers: 3 and 4 (System 2)	34B-05-S and 34B-06-S	0.030	0.01
Batch scale hopper No. 2	34B-13-S	0.067	0.01
Dextrin bulk loading equipment	48-09-S	0.26	0.01
Starch milling system number 1	59-01-S	0.43	0.01
Starch milling system number 2	59-02-S	0.43	0.01
Starch ring dryer number 2	59-03-S	3.50	0.006
Fiber drying equipment	89-01-G	4.50	0.01
Dried corn syrup conveying system, frodex	93-04-W	0.069	0.01
Corn syrup solids conveyor equipment	93-05-W	0.066	0.01
Frodex semibulk packing system, building 93	93-08-W	0.083	0.01
Each stack serving bag dump numbers 1 and 2	93-09-W and 93-10-W	0.10	0.01
Starch bulk loading	93-14-W	0.273	0.01
Starch vacuum clean-up system	93-15-W	0.021	0.01
Starch mixing and bagging system #1	93-16-W	0.130	0.01
Starch mixing and bagging system #2	93-17-W	0.264	0.01

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New corn syrup spray dryer cooler system number 3 (SIP #2)	100-01-R	4.96	0.015
#4 corn syrup spray dryer	100-03-R	4.2	0.01
Carbon regeneration furnace #2	104-01-R	0.728	0.015
Soda ash tank	104-02-R	0.154	0.02
Filter aid hopper	104-03-R	0.044	0.02
Sodium bisulfate bag dump	104-05-R	0.080	0.02
Each stack serving bulk corn starch storage bin numbers 20 through 36 (five (5) stacks may operate at one (1) time)	120-01-S to 120-17-S	0.56	0.01
Gluten dryer system	121-01-G	3.0	0.03
Germ dryer/cooler	124A-01-G	1.852	0.02
Starch ring dryer number 3	125-01-S	3.50	0.006
Waxy bulk cornstarch storage bins numbers 95 through 98 (only one (1) may operate at a time)	126-01-S to 126-04-S	0.16	0.01
#1 and #2 vacuum cleaner system	127-21-B and 127-22-B	0.031	0.01
#1 and #2 alternate carbohydrate storage bins	127-28-B and 127-29-B	0.18	0.01
Alternate carbohydrate mill feeder hopper	127-30-B	0.028	0.01
Special starch process with starch dryer number 4, building 128	128-01-S	3.5	0.01
Four products blending systems, building 93	130-01-S to 130-04-S	0.42	0.01
Dextrin blender	130-05-S	0.248	0.01
Corn receiving and storage-bin vent #1 and #2	140-01-G and 140-02-G	0.343	0.02
Corn receiving and storage-bin vent #3 and #4	140-03-G and 140-04-G	0.343	0.02
Corn dump pit	140-05-G	1.286	0.01
Gravity take-up conveyor system	140-06-G	0.154	0.01
Corn elevator conveying	140-07-G	0.086	0.01

(Air Pollution Control Board; 326 IAC 6.8-2-8; filed Aug 10, 2005, 1:00 p.m.: 28 IR 3509; filed Jan 23, 2008, 1:44 p.m.: 20080220-IR-326040279FRA; filed Oct 20, 2010, 9:02 a.m.: 20101117-IR-326090476FRA)