Code 218 and 219

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IN RE THE MATTER OF:	)	DEC 102009
REASONABLY AVAILABLE CONTROL	)	STATE OF ILLINOIS Pollution Control Board
TECHNOLOGY (RACT) FOR VOLATILE ORGANIC MATERIAL	)	No. R10-10
EMISSIONS FROM GROUP III CONSUMER & COMMERCIAL	)	(Rulemaking- Air)
PRODUCTS: PROPOSED AMENDMENTS TO 35 Ill. Adm.	)	

ILLINOIS POLLUTION CONTROL BOARD CEIVED

above-entitled cause before Hearing Officer Timothy
Fox, called by the Illinois Pollution Control Board,
taken before Laura Mukahirn, CSR, a notary public
within and for the County of Cook and State of
Illinois, at the James R. Thompson Center, 100 West
Randolph Street, Chicago, Illinois, on the 9th day
of December 2009, commencing at the hour of 10:00
a.m.

	Page 2
1	APPEARANCES
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3	MR. TIMOTHY FOX, Hearing Officer MR. THOMAS JOHNSON, Member
4	MR. ANAND RAO, Member MS. ANDREA S. MOORE, Member
5	MS. CARRIE K. ZALEWSKI, Member Appearing on behalf of the Illinois
6	Pollution Control Board;
7	ILLINOIS ENVIRONMENTAL PROTECTION AGENCY 1021 North Grand Avenue East
8	P.O. Box 19276 Springfield, Illinois 62794-9276
9	Appearing on behalf of the IEPA.
10	ALSO PRESENT:
11	MR. ROBERT J. KALEEL - IEPA Manager, Air Quality Planning Section, Bureau of Air
12	MR. YOGINDER MAHAJAN - IEPA
13	Environment Protection Engineer, Bureau of Air
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1	HEARING OFFICER FOX: The time of
2	10:00 a.m. having come and gone, I want to
3	wish everyone a good morning and welcome to
4	this Illinois Pollution Control Board
5	hearing. My name is Tim Fox, and I am the
6	hearing officer for this rulemaking
7	proceeding which is entitled Reasonably
8	Available Control Technology, R-A-C-T,
9	pronounced RACT, for volatile organic
10	material emissions from Group III consumer
11	and commercial products, proposed amendments
12	to 35 Illinois Administrative Code 218 and
.3	219.

present from the board today, at my immediate left is board member Andrea Moore who is the lead board member for this rulemaking. And at her left, board member Carrie Zalewski. At my far right is board member Thomas E.

Johnson, and at my immediate right is Anand Rao of the board's technical staff. The board docket number for this rulemaking is R10-10.

The Illinois Environmental

1 Protection Agency filed this rulemaking 2 proposal on October 23, 2009, under the, 3 quote, fast-track, unquote, rulemaking 4 provisions at Section 28.5 of the Illinois 5 Environmental Protection Act. In an order 6 dated November 5, 2009, the Board accepted 7 this proposal for hearing. As required by 8 Section 28.5(e), the Board, within 14 days of 9 receiving the Agency's proposal, filed it for 10 first notice under the Illinois 11 Administrative Procedure Act, and the 12 proposal appeared in the Illinois Register on 13 November 20, 2009, beginning at Page 16399. 14 Today we are holding the first hearing in 15 this rulemaking. The second hearing is now 16 scheduled to take place Wednesday, January 6, 17 2010, in Chicago; and the third hearing is 18 now scheduled to take place Wednesday, 19 January 20, 2010, also in Chicago. 20 order dated November 5, 2009, the hearing 21 officer directed participants wishing to 22 prefile testimony for the first hearing to do 23 so on or before November 25, 2009. 24 has received timely prefiled testimony from

1	Mr. Yoginder Mahajan on behalf of the IEPA,
2	and under Section 28.5(g)(1) of the Act, this
3	hearing, quote, shall be confined to
4	testimony by and questions of the Agency's
5	witnesses concerning the scope,
6	applicability, and basis of the rule, closed
7	quote. Thus we will begin this hearing with
8	that prefiled testimony by Mr. Mahajan.
9	Section 28.5(f) of the Act provides that in
10	order to expedite this hearing, the testimony
11	is accepted into the record without reading,
12	providing that Mr. Mahajan is sworn and is
13	available for questions; and certainly he is
14	present here today. After a brief
15	introduction on the part of Miss Vetterhoffer
16	for the Agency and introducing and swearing
17	in Mr. Mahajan and Mr. Kaleel, also on behalf
18	of the Agency who has indicated his
19	willingness to respond to any questions, we
20	will go right to the questions that anyone
21	present here, including the board and its
22	staff, may have for the Agency.
23	As a general matter, of

course, this proceeding is governed by the

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1	Board's procedural rules. All information
2	that is relevant and that is not repetitious
3	or privileged will be admitted into the
4	record. Please note that questions posed
5	today by the Board or its staff are intended
6 .	solely to assist in developing a clear and
7	complete record for the Board's ultimate
8	decision and do not reflect any
9	predetermination about the proposal as
0	offered by the Agency.

As always, please, for the benefit of the court reporter, please speak as clearly as you're able. I don't think we'll have any issues with being heard in this room, but if you would refrain from speaking at the same time as another person, I'm sure her task will be much easier. Do we have any questions about procedures before we get underway? Very good.

Miss Vetterhoffer, you had indicated that you had a brief opening statement, and it appears to be time for you to offer that.

MS. VETTERHOFFER: Thank you. Good

morning. I'm Dana Vetterhoffer, assistant counsel on behalf of the Illinois EPA.

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This rulemaking is intended to satisfy Clean Air Act requirements regarding reasonably available control technology for volatile organic materials, or VOM, from Group III Consumer and Commercial Product Categories in areas designated as nonattainment with respect to the 1997 eight-hour ozone national ambient air quality standard. This rulemaking is in response to Control Techniques Guidelines or CTGs issued by the United States Environmental Protection Agency in October of 2007. Illinois EPA was required to submit revisions to its State Implementation Plan, or SIP, in response to the CTGs by October of 2008. Expeditious submittal of this rule as a SIP revision is necessary in order to avoid potential future sanctions and enable the nonattainment areas in Illinois to be redesignated to attainment of the ozone standard.

With me today are Rob Kaleel,
Manager of the Air Quality Planning Section,

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1	Division of Air Pollution Control, Bureau of
2	Air, and Yoginder Mahajan, Environmental
3	Protection Engineer, Air Quality Planning
4	Section, Bureau of Air at the Illinois EPA.
5	Mr. Mahajan filed prefiled testimony in this
6	rulemaking and is the Agency's main witness
7	for purposes of this hearing. Mr. Kaleel did
8	not file prefiled testimony, but rather is
9	simply available to answer questions should
10	the need arise. At this time, I'd like to
11	move that Mr. Mahajan's prefiled testimony be
12	entered into the record as an exhibit. And
13	following that, we're ready for questioning.
14	HEARING OFFICER FOX: Very good.
15	Miss Vetterhoffer, do you have a copy of that
16	testimony?
17	MS. VETTERHOFFER: I do.
18	HEARING OFFICER FOX: We can mark
19	that. And there is a gentleman who's just
20	arrived. Do you by any chance have an
21	additional copy that you might show him?
22	MR. ARMSTRONG: I actually have a
23	copy.
24	HEARING OFFICER FOX: Very good.

1	Miss Vetterhoffer has, of course, moved the
2	admission of the prefiled testimony of
3	Mr. Mahajan that, as I mentioned, was
4	prefiled on November 25 of this year. Is
5	there any objection to its admission into the
6	record of this proceeding as Exhibit No. 1?
7	Neither seeing nor hearing any,
8	Miss Vetterhoffer, it will be marked and
9	admitted as Exhibit No. 1 in this proceeding.
10	And at this point we are
11	prepared evidently for Mr. Mahajan and

Mr. Kaleel to take any questions.

court reporter would swear them in, we'll

15 (Witnesses sworn.)

proceed with that.

HEARING OFFICER FOX: Very good. As I had noted in the opening remarks,

Mr. Mahajan, your testimony, on the basis of its prefiling, is admitted as if it had been read. So we can proceed right to any questions. If there are any questions for the Agency's witness, if you'd just signal that you wish to be recognized, and when first recognized, if you would please state

your name and any organization you might represent that will clarify our record and help us move forward. But -- Did you, sir, have any questions you wish to pose before we turn to questions that the board may have?

MR. ARMSTRONG: No. I'm just here to

observe.

HEARING OFFICER FOX: Very good. Very good. I do know that the board has at least some questions, and if the gentlemen from the Agency are ready, I think Mr. Rao would be prepared to proceed to those. Mr. Rao, please go ahead.

MEMBER RAO: Okay. Good morning. My first question relates to the compliance date in Section 218.106. At Section 218.106(e), the Agency proposes a compliance date of May 1, 2011, for the proposed VOM limitations. Could you please explain the rationale for providing a potential twelve-month period for the affected sources to comply with the proposed limitations, particularly considering that the Agency's contention that these affected sources will

be able to comply with these limitations
without adding on any controlling captive
systems?

MR. MAHAJAN: When the Agency look

MR. MAHAJAN: When the Agency looked at the -- reviewed it initially, and we found out that most of the sources, they're already complying with the existing regulations. And those who have control, they already have control enough in the sense they're already meeting the average 90 percent control. So with this in mind, we think there will be no additional control, so they don't need a lot of time to upgrade those controls if they have to.

MEMBER RAO: Actually, my question was more about, you know, is 12 months too much time for coming into compliance since already we are kind of running behind on this RACT rules?

MR. KALEEL: Why not sooner, in other words?

MEMBER RAO: Yeah.

MR. KALEEL: I think we anticipated a little more participation on the part of

industry. And at the point we were drafting the rule, we thought 12 months would be sufficient time for people to get the word that this rule was out there and they would need to address it. I'm not sure that there's a real driver in terms of control practices that would require attention for this coming ozone season. And in terms of our objective to redesignate the area to attainment that the compliance date in 2011 would not present an obstacle. But what we would require or what USEPA requires is that we have complete rule, a complete SIP to submit to the USEPA. I don't believe they're concerned about the compliance date.

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MEMBER RAO: Okay. My second question is Section 218.204, Subsection (g)(2), and this is just a clarification of the units that are used in this subsection. Subsection (g)(2) sets forth the VOM limits for metal furniture coatings. Could you please clarify whether the units for solids applied is based on the volume of solids as opposed to the weight of the solids as used for paper

	rage 1.
1	coating limitations?
2	MR. MAHAJAN: G is
3	MEMBER RAO: (g)(2), Subsection
4	(g)(2).
5	MR. MAHAJAN: (g)(2) is metal
6	furniture?
7	MEMBER RAO: Yes, metal furniture
8	coating.
9	MR. MAHAJAN: This is gallons of solid
10	or liter of solid applied.
11	MEMBER RAO: Yeah. My question was do
12	you have the unit as kg per liter or pound
13	per gallon of solid supplied.
14	MR. MAHAJAN: Yes.
15	MEMBER RAO: So are we looking at the
16	volume on the is this unit based on the
17	volume of solids?
18	MR. MAHAJAN: Yes, volume of solid,
19	right. Yes.
20	MEMBER RAO: Okay. Because when you
21	look at the paper coatings when it
22	MR. MAHAJAN: It used to be volume of
23	coating, now that they changed that in terms
24	
24	of VOM gallons of solid, yes.

1	MEMBER RAO: Okay. I just wanted to
2	make sure of the units.
3	All right. In the same section
4	there is a note which says on or after May 1,
5	2011, these limitations shall not apply to
6	stencil coatings, safety-indicating coatings,
7	solid-film lubricants, electric-insulating,
8	and thermal-conducting coatings, touch-up and
9	repair coatings are coating applications
10	utilizing handheld aerosol cans.
11	My first question is are these
12	coatings that are listed in that note, are
13	they currently subject to VOM limitations?
14	MR. MAHAJAN: Looking at the existing,
15	yes, they are right now.
16	MEMBER RAO: If so, can you please
17	explain why we are excluding them from the
18	proposed rules?
19	MR. MAHAJAN: Because latest analysis
20	of the USEPA found out that for these
21	coatings, the low VOM coatings are not
22	available. So they have to use the highest
23	VOM coatings. So the USEPA is the one who
24	decided that these coatings should be exempt.

decided that these coatings should be exempt.

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1	And there are not too many I mean they are
2	not mostly they are not very much used in
3	the industry. They are only few gallons of,
4	you know, for touch-up paints or for stencil,
5	you know, those types of things.
6	MEMBER RAO: Is that USEPA
7	determination part of the CTG?
8	MR. MAHAJAN: Yes.
9	MEMBER RAO: Okay. If this note
10	states that basically the note is
11	exempting these coatings from the proposed
12	limitations.
13	MR. MAHAJAN: Yes.
14	MEMBER RAO: Would it be acceptable to
15	the Agency to make it part of the rule
16	instead of leaving it as a board note which
17	doesn't have any weight in terms of enforcing
18	the rules?
19	MS. VETTERHOFFER: I guess that's
20	directed to me. Mainly I just think that for
21	consistency the rest of Subpart F seems to
22	use notes for definitions and for exclusions.
23	And so just for the sake of consistency, I
24	added that.

	rage I
1	MEMBER RAO: I noticed that. And I
2	think some of these rules were written way
3	back when it was very common to use board
4	notes instead of codifying
5	MEMBER JOHNSON: Explaining.
6	MEMBER RAO: And lately I think we
7	have heard from JCAR about making rules and
8	board notes which are not really codified
9	part of the regulations. So if you'd want to
10	take a look at it and get back to us.
11	MS. VETTERHOFFER: That would be no
12	problem making it actually part of the
13	ruling.
14	MEMBER RAO: Okay. Thank you. And my
15	last question concerns the coating
16	application methods proposed under Subsection
17	(g)(3).
18	MEMBER MOORE: Where were you now
19	again?
20	MEMBER RAO: Subsection (g)(3),
21	Section 280.204(g)(3) limits, the type of
22	coating application methods that may be used
23	for applying metal furniture coatings, and
24	also, I think, for large furniture, large

appliance coatings also have specified methods. Could you please comment on the basis for specifying that types of coating applicators that must be used for applying these coatings?

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MR. MAHAJAN: Can you repeat, please.

MEMBER RAO: Yeah. I'm just asking you to explain why you have proposed this specific type of coating applicators.

MR. MAHAJAN: Because that's another method of reducing VOM emissions from the coating operation. That's one of the methods. Because each application has -involves percentage efficiency which is, you know, how much in solid is in part to the substrate. And these are the ones which gives higher efficiency, like if you do that spray paint, spray gun, it might give you 25 percent efficiency. But these type of applications will give you more than 40, 60, even 70, 90 percent efficiencies. So based on that, that's another way of reducing VOM emissions to, you know, use the higher efficiency coating applications.

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1	MEMBER RAO: Okay. And does this
2	limitation that you have proposed here goes
3	beyond what's recommended in the CTG?
4	MR. MAHAJAN: No. They are
5	recommended by the CTG, yes. They are not
6	beyond CTG.
7	MEMBER RAO: Because when I went
8	through the CTG, I saw that they listed all
9	these different types of applicators. But in
10	the recommendations it didn't say you have to
11	use these.
12	MR. MAHAJAN: They say they recommend,
13	yeah. When they say recommend, we take it as
14	all these are recommendations.
15	MEMBER RAO: Okay. And that goes to
16	my next question. Has the Agency reviewed
17	some of the other types of coating
18	limitations to see whether we need to specify
19	the types of application methodology other
20	than just large furniture and I mean large
21	appliance and metal furniture coatings.
22	MR. MAHAJAN: Right now we just worked
23	on this Group III which requires only for
24	metal furniture and large appliances based on

the CTG. But these are definitely, if they
are available to the other types, similar
type of operation, they can use these type of
application, yes.

MEMBER RAO: Okay. And in the proposed rules you have use the HVLP, that's the high volume low pressure, spray gun as a benchmark for any other types that may be allowed by the Agency in terms of efficiency. Is that also part of the CTG that --

MR. MAHAJAN: Yes.

MEMBER RAO: -- HVLP is the --

MR. MAHAJAN: Yes. That's their recommendation. CTG recommends that HVLP or equivalent (ph.).

MR. RAO: Okay. And my final question relating to this is you have testified substantive limits on the type of application under the coating limitation. Should this be a separate section and like a new section in the rules or -- Because when I went through the coating limits, for none of the other coatings we specify substandard requirements in terms of how they should be applied. And

1	when I was going through these rules I ask
2	would it be more helpful to anyone reading
3	the rules to have this in a separate section
4	like you have for work practices?
5	MS. VETTERHOFFER: It could be in
6	another section. I think for some other
7	revisions we're working on right now for
8	different group we're putting them in a
9	separate section as well. So that would be
10	something we could look at.
11	MEMBER RAO: Please take a look at it
12	and see if it can be worked into another
13	section. It will make the rules more easier
14	to read.
15	That's all I have. Thanks.
16	HEARING OFFICER FOX: Very good. Did
17	any of the board members have questions or
18	follow-ups that they wish to pose?
19	MEMBER JOHNSON: Andrea probably knows
20	this, but, Rob, have you had any interest
21	from IERG or any of the industry people, or
22	they're just nonexistent up to this point?
23	MR. KALEEL: We know that they're

aware of it. We had made a pretty extensive

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1	effort to get the word out to all the
2	industries and the associations, and we've
3	received no comments or any expression of
4	interest at all.
5	MEMBER MOORE: It's my understanding,
6	and correct me if I'm wrong, but generally
7	speaking this is not their client base.
8	MR. KALEEL: I think that's true.
9	MEMBER MOORE: They'd be more with the
10	chemical industry group, I think.
11	MR. KALEEL: Right. Although we also
12	notified the Chemical Industry Council and
13	they notified their members. And we had this
14	on our website for at least six weeks as a
15	draft before submitting it, and we received
16	no interest.
17	MEMBER JOHNSON: Okay. Well, we're
18	interested.
19	MEMBER RAO: We are always.
20	MR. KALEEL: So you have no comments.
21	HEARING OFFICER FOX: Very good. We
22	appear to have no further questions from the
23	board. We do have one gentleman in the
24	audience who I hate to single out, but

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1	certainly it would be an opportunity if any
2	of the answers you've heard have triggered a
3	question to pose one if you'd like to do so.
4	MR. ARMSTRONG: No questions.
5	MEMBER JOHNSON: You're here for the
6	attorney general?
7	MR. ARMSTRONG: I am. My name is
8	Andrew Armstrong. I'm an assistant attorney
9	general, and I'm just strictly observing
10	today.
11	HEARING OFFICER FOX: A monitor?
12	MR. ARMSTRONG: Yes. Just for my own
13	personal interest more than anything.
14	HEARING OFFICER FOX: Very good, very
15	good. At this point we have reached the
16	conclusion of the remarks and responses by
17	the Agency's witnesses. If we may go off the
18	record just for a quick moment before taking
19	care of some housekeeping details, I think
20	we're on the verge of adjourning for today.
21	(Off the record.)
22	HEARING OFFICER FOX: Before
23	adjourning today, I want to take care of a
24	couple of, quote, housekeeping, unquote

issues. I do note that anyone may file written public comments in this rulemaking, and those should be filed with the clerk of the board. Filings may be made through the board's Clerk's Office On Line or C-O-O-L, Questions concerning the process of COOL. electronic filing through COOL should be directed to our clerk's office which can be reached through all of the contact information on the Board's website. note that filings with the board, whether paper or electronic, must also be served on the hearing officer and on those persons who are named on the service list in this proceeding. And one can always check with the clerk to make sure that one has the most recent version of the service list.

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Expedited copies in this fast-track rulemaking, expedited copies of the transcript of this hearing, are expected to be available tomorrow, December 10, 2009. And very soon after the Board's clerk receives that copy, the copy of the transcript will be posted to the Board's

1 website where it can be viewed, downloaded, 2 and printed free of charge. I want to note 3 that under Section 28.5(f)(1), quote, within seven days after the first hearing, any 5 person may request that the second hearing be 6 held, closed quote. And I do note that the 7 Board has scheduled that as required to take 8 place on January 6 of 2010. The Board's 9 procedural rules at Section 102.304(c) 10 provide that this request may be made either 11 on the record at hearing; or, secondly, in 12 writing by filing it with the board and 13 serving it upon this service list in this 14 proceeding. I stress that in a letter dated 15 November 5, 2009, the Board's acting chair, 16 Dr. G. Tanner Girard, requested that the 17 Department of Commerce and Economic 18 Opportunity, or DCEO, conduct an economic 19 impact study of this rulemaking proposal 20 filed by the Agency. The Board requested a 21 response from DCEO on or before December 15 22 of 2009. Accordingly, on behalf of the Board 23 and on its own motion, the Board does request 24 that the second hearing be held as scheduled

1	on January 26, 2010, in Chicago, both in
2	order to address DCEO's determination on that
3	request and, of course, under Section
4	28.5(f)(2) for the presentation of testimony,
5	documents, and comments by affected entities
6	and all other parties. So that hearing will
7	take place precisely as it was scheduled in
8	the hearing officer order dated November 5 of
9	2009.

MEMBER JOHNSON: On January 6 -- you said 26.

HEARING OFFICER FOX: Yes. I'm sorry.

The hearing officer order was on November 5,

and the hearing will take place on January 6.

And I stand corrected and appreciate that

correction.

The deadline for prefiling testimony under Section 28.5 of the Act falls on Thursday, December 24, of 2009, based on the state holiday, of course, on Christmas Day, December 25.

Finally, if anyone has questions about procedural aspects of this rulemaking, they may certainly reach me

A         again 16:19         2:5,9         19:2 23:21         board's 3:21         12:21           able 6:13         4:1 5:16,18         appears 6:22         Avenue 2:7         6:1,7 23:5         Clean 6:1,7 23:5           11:1         4:1 5:16,18         5:22 6:10         17:1 18:21         11:10         24:8,15         clearly           11:16 12:15         7:14 10:11         appliances         avoid 7:19         26:2         clerk 2           16:7 25:23         10:17 11:4         18:24         aware 20:24         both 25:1         23:22           above-entit         15:15 18:16         19:9 24:20         5:6         application         Box 2:8         clerk's           27:12         Agency's 4:9         16:16,22         back 16:3,10         Bureau 2:11         24:6           acceptable         10:23 22:17         19:4,18         based 12:22         business 27:5         13:8,           5:11         ahead 10:13         applications         13:16 17:21         4:19	7:4 :6 :6:13 3:3,16 2 23:5,8 21:7 5:6
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