



# South Coast Air Quality Management District

21865 Copley Drive, Diamond Bar, CA 91765-4178  
(909) 396-2000 • www.aqmd.gov

October 28, 2011

Mr. Gerardo Rios  
Chief – Permits Office  
U.S. EPA - Region IX  
75 Hawthorne Street, Air 3  
San Francisco, CA 94105

Dear Mr. Rios:

**Subject:** Transmittal of Final Title V Renewal Permit

Enclosed is the final Title V renewal permit issued by the South Coast Air Quality Management District (AQMD) for MillerCoors, LLC (Facility ID 155877), located at 15801 E. 1<sup>st</sup> Street, Irwindale, California 91706. The proposed permit for this facility was submitted to EPA Region IX for 45-day review on September 9, 2011 and made available for 30-day public comment on September 19, 2011. The AQMD did not receive any public comments on the proposed permit.

If there are specific questions on this Title V renewal permit, please contact Hassan Namaki of our Mechanical, Chemical & Public Services at (909) 396-2699.

Sincerely

A handwritten signature in black ink, appearing to read 'Mohsen Nazemi', is written over a horizontal line.

Mohsen Nazemi, P.E.  
Deputy Executive Officer  
Engineering and Compliance

Enclosures

C: Brian L. Yeh (w/o enclosures)



# South Coast Air Quality Management District

21865 Copley Drive, Diamond Bar, CA 91765-4178  
(909) 396-2000 • [www.aqmd.gov](http://www.aqmd.gov)

October 28, 2011

Philip Savastano  
Vice President  
MillerCoors, LLC  
15801 E. 1st Street  
Irwindale, CA 91706

Re: Title V Renewal Permit, MillerCoors, LLC, ID No: 155877  
Application No: 504192

Dear Mr. Savastano,

Please find enclosed your Title V Permit renewal for equipment located at 15801 E. 1st Street, Irwindale, CA 91706.

The Title V permit renewal was submitted to USEPA on September 9, 2011 for their 45-day review concurrent with a 30-day public notice published on September 19, 2011. No comments from USEPA or the public were received. The Title V permit renewal is issued for a new 5 year term beginning October 28, 2011 and ending on October 27, 2016.

Please review all sections of your Title V renewal permit carefully and make sure that you comply with all requirements including, but not limited to, the monitoring, recordkeeping, and reporting requirements (i.e. semi-annual monitoring report, annual compliance certification report, etc.) specified in this Title V permit. All reporting forms can be downloaded from the AQMD website at <http://www.aqmd.gov/titlev/apply.html>.

Thank you for providing the necessary information that allowed the AQMD to complete the evaluation of your facility with respect to the federal Title V requirements. Questions concerning your Title V permit should be directed Mr. Hassan Namaki at (909) 396-2699 or [hnamaki@aqmd.gov](mailto:hnamaki@aqmd.gov).

Sincerely,

A handwritten signature in black ink, appearing to read 'Brian L. Yeh', is written over a horizontal line.

Brian L. Yeh, P.E.  
Senior Engineering Manager  
Mechanical, Chemical & Public Services

BLY:AL:DG:HN

Enclosure

C: Application file



## FACILITY PERMIT TO OPERATE

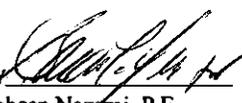
**MILLERCOORS, LLC  
15801 E 1ST ST  
IRWINDALE, CA 91706**

### NOTICE

IN ACCORDANCE WITH RULE 206, THIS PERMIT TO OPERATE OR A COPY THEREOF MUST BE KEPT AT THE LOCATION FOR WHICH IT IS ISSUED.

THIS PERMIT DOES NOT AUTHORIZE THE EMISSION OF AIR CONTAMINANTS IN EXCESS OF THOSE ALLOWED BY DIVISION 26 OF THE HEALTH AND SAFETY CODE OF THE STATE OF CALIFORNIA OR THE RULES OF THE SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT. THIS PERMIT SHALL NOT BE CONSTRUED AS PERMISSION TO VIOLATE EXISTING LAWS, ORDINANCES, REGULATIONS OR STATUTES OF ANY OTHER FEDERAL, STATE OR LOCAL GOVERNMENTAL AGENCIES.

Barry R. Wallerstein, D. Env.  
EXECUTIVE OFFICER

By   
Mohsen Nazemi, P.E.  
Deputy Executive Officer  
Engineering & Compliance



**FACILITY PERMIT TO OPERATE  
MILLERCOORS, LLC**

**TABLE OF CONTENTS**

Section	Description	Revision #	Date Issued
A	Facility Information	4	10/28/2011
B	RECLAIM Annual Emission Allocation	5	10/28/2011
C	Facility Plot Plan	TO BE DEVELOPED	
D	Facility Description and Equipment Specific Conditions	3	10/28/2011
E	Administrative Conditions	1	10/28/2011
F	RECLAIM Monitoring and Source Testing Requirements	1	10/28/2011
G	Recordkeeping and Reporting Requirements for RECLAIM Sources	1	10/28/2011
H	Permit To Construct and Temporary Permit to Operate	5	10/28/2011
I	Compliance Plans & Schedules	1	10/28/2011
J	Air Toxics	1	10/28/2011
K	Title V Administration	1	10/28/2011
Appendix			
A	NOx and SOx Emitting Equipment Exempt From Written Permit Pursuant to Rule 219	1	10/28/2011
B	Rule Emission Limits	1	10/28/2011



AQMD

**FACILITY PERMIT TO OPERATE  
MILLERCOORS, LLC**

**SECTION A: FACILITY INFORMATION**

**LEGAL OWNER &/OR OPERATOR:** MILLERCOORS, LLC

**LEGAL OPERATOR (if different than owner):**

**EQUIPMENT LOCATION:** 15801 E 1ST ST  
IRWINDALE, CA 91706-2069

**MAILING ADDRESS:** 15801 E 1ST ST  
IRWINDALE, CA 91706-2069

**RESPONSIBLE OFFICIAL:** PHILIP SAVASTANO

**TITLE:** VICE PRESIDENT

**TELEPHONE NUMBER:** (626) 969-6225

**CONTACT PERSON:** JEFF ARBOUR

**TITLE:** ENVIRONMENTAL SPECIALIST

**TELEPHONE NUMBER:** (626) 969-6242

**TITLE V PERMIT ISSUED:** October 28, 2011

**TITLE V PERMIT EXPIRATION DATE:** October 27, 2016

<b>TITLE V</b>	<b>RECLAIM</b>
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<b>YES</b>	<b>NOx:</b>	<b>YES</b>
	<b>SOx:</b>	<b>NO</b>
	<b>CYCLE:</b>	<b>1</b>
	<b>ZONE:</b>	<b>INLAND</b>



## FACILITY PERMIT TO OPERATE MILLERCOORS, LLC

### SECTION B: RECLAIM ANNUAL EMISSION ALLOCATION

The annual allocation of NOx RECLAIM Trading Credits (RTCs) for this facility is calculated pursuant to Rule 2002. Total NOx emission shall not exceed such annual allocations unless the operator obtains RTCs corresponding to the facility's increased emissions in compliance with Rules 2005 and 2007.

The level of Starting Allocation plus Non-Tradable Credits used to determine compliance with Rule 2005(c)(4) and applicability of Rule 2005(e) - Trading Zone Restrictions is listed on the last page of this Section.

The following table lists the annual allocations that were issued to this facility and the amounts of RTCs held by this facility on the day of printing this Section.

#### RECLAIM POLLUTANT ANNUAL ALLOCATION (POUNDS)

Year Begin End (month/year)	Zone	NOx RTC Initially Allocated	NOx RTC <sup>1</sup> Holding as of 10/28/2011 (pounds)	Non-Tradable <sup>2</sup> Non-Usable RTCs (pounds)
7/2008 6/2009	Inland	0	3829	0
1/2009 12/2009	Inland	56520	1667	0
1/2010 12/2010	Inland	56520	21749	0
1/2011 12/2011	Inland	56520	43803	0
1/2012 12/2012	Inland	56520	43803	0
1/2013 12/2013	Inland	56520	43803	0
1/2014 12/2014	Inland	56520	43803	0
1/2015 12/2015	Inland	56520	43803	0
1/2016 12/2016	Inland	56520	43803	0
1/2017 12/2017	Inland	56520	43803	0
1/2018 12/2018	Inland	56520	43803	0
1/2019 12/2019	Inland	56520	43803	0
1/2020 12/2020	Inland	56520	43803	0
1/2021 12/2021	Inland	56520	43803	0
1/2022 12/2022	Inland	56520	43803	0
1/2023 12/2023	Inland	56520	43803	0
1/2024 12/2024	Inland	56520	43803	0

**Footnotes:**

1. This number may change due to pending trades, emissions reported under Quarterly Certification of Emissions Report (QCER) and Annual Permit Emission Program (APEP) Report required pursuant to Rule 2004, or deductions made pursuant to Rule 2010(b). The most recent total RTC information can be obtained from the District's RTC Listing.
2. The use of such credits is subject to restrictions set forth in paragraph (f)(1) of Rule 2002.



**FACILITY PERMIT TO OPERATE  
MILLERCOORS, LLC**

**SECTION B: RECLAIM ANNUAL EMISSION ALLOCATION**

The annual allocation of NOx RECLAIM Trading Credits (RTCs) for this facility is calculated pursuant to Rule 2002. Total NOx emission shall not exceed such annual allocations unless the operator obtains RTCs corresponding to the facility's increased emissions in compliance with Rules 2005 and 2007.

The level of Starting Allocation plus Non-Tradable Credits used to determine compliance with Rule 2005(c)(4) and applicability of Rule 2005(e) - Trading Zone Restrictions is listed on the last page of this Section.

The following table lists the annual allocations that were issued to this facility and the amounts of RTCs held by this facility on the day of printing this Section.

**RECLAIM POLLUTANT ANNUAL ALLOCATION (POUNDS)**

Year Begin End (month/year)	Zone	NOx RTC Initially Allocated	NOx RTC <sup>1</sup> Holding as of 10/28/2011 (pounds)	Non-Tradable <sup>2</sup>
				Non-Usable RTCs (pounds)
1/2025 12/2025	Inland	56520	43803	0
1/2026 12/2026	Inland	56520	43803	0

**Footnotes:**

1. This number may change due to pending trades, emissions reported under Quarterly Certification of Emissions Report (QCER) and Annual Permit Emission Program (APEP) Report required pursuant to Rule 2004, or deductions made pursuant to Rule 2010(b). The most recent total RTC information can be obtained from the District's RTC Listing.
2. The use of such credits is subject to restrictions set forth in paragraph (f)(1) of Rule 2002.



## FACILITY PERMIT TO OPERATE MILLERCOORS, LLC

### SECTION B: RECLAIM ANNUAL EMISSION ALLOCATION

The annual allocation of RECLAIM Trading Credits (RTCs) for this facility is calculated pursuant to Rule 2002. If the facility submits a permit application to increase in an annual allocation to a level greater than the facility's starting Allocation plus Non-Tradable credits as listed below, the application will be evaluated for compliance with Rule 2005 (c)(4). Rule 2005 (e) - Trading Zone Restrictions applies if an annual allocation is increased to a level greater than the facility's Starting Allocation plus Non-Tradable Credits:

Year		Zone	NOx RTC	Non-Tradable
Begin	End		Starting Allocation	Credits(NTC)
(month/year)			(pounds)	(pounds)
1/1994	12/1994	Inland	78395	0



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**FACILITY PERMIT TO OPERATE  
MILLERCOORS, LLC**

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**SECTION C: FACILITY PLOT PLAN**

(TO BE DEVELOPED)



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## FACILITY PERMIT TO OPERATE MILLERCOORS, LLC

### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
<b>Process 1: BOILERS</b>					
BOILER, NO.1, FUEL OIL NO. 2, NATURAL GAS, KEELER, WITH LOW NOX BURNER, FLUE GAS RECIRCULATION, OXYGEN CONTENT CONTROL, 59.6 MMBTU/HR WITH A/N: 484118	D1		NOX: MAJOR SOURCE**	CO: 400 PPMV (5) [RULE 1146, 11-17-2000; RULE 1146, 9-5-2008]; CO: 2000 PPMV (5A) [RULE 407, 4-2-1982]; NOX: 6.23 LBS/1000 GAL FUEL OIL 2 (1) [RULE 2012, 5-6-2005]; PM: 0.01 GRAINS/SCF (5B) [RULE 476, 10-8-1976]; PM: 0.1 GRAINS/SCF (5) [RULE 409, 8-7-1981]; PM: 11 LBS/HR (5A) [RULE 476, 10-8-1976]; SOX: 500 PPMV (5) [RULE 407, 4-2-1982]	B61.1, B75.1, D12.2, D28.1, D82.1, D328.1, D371.1, E17.1, E73.1, E113.1, E179.1, E193.1, E395.1, K48.1
BURNER, FUEL OIL NO. 2, NATURAL GAS, TAMPELLA KEELER/FABER, MODEL WB-23-1/2-FGR, WITH LOW NOX BURNER, 59.6 MMBTU/HR					

- \* (1) (1A) (1B) Denotes RECLAIM emission factor
- (3) Denotes RECLAIM concentration limit
- (5) (5A) (5B) Denotes command and control emission limit
- (7) Denotes NSR applicability limit
- (9) See App B for Emission Limits
- (2) (2A) (2B) Denotes RECLAIM emission rate
- (4) Denotes BACT emission limit
- (6) Denotes air toxic control rule limit
- (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
- (10) See section J for NESHAP/MACT requirements

\*\* Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.



## FACILITY PERMIT TO OPERATE MILLERCOORS, LLC

### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
<b>Process 1: BOILERS</b>					
BOILER, NO.2, FUEL OIL NO. 2, NATURAL GAS, KEELER, WITH LOW NOX BURNER, FLUE GAS RECIRCULATION, OXYGEN CONTENT CONTROL, 59.6 MMBTU/HR WITH A/N: 484107  BURNER, FUEL OIL NO. 2, NATURAL GAS, TAMPELLA KEELER/FABER, MODEL WB-23-1/2-FGR, WITH LOW NOX BURNER, 59.6 MMBTU/HR	D2		NOX: MAJOR SOURCE**	CO: 400 PPMV (5) [RULE 1146, 11-17-2000; RULE 1146, 9-5-2008]; CO: 2000 PPMV (5A) [RULE 407, 4-2-1982]; NOX: 6.23 LBS/1000 GAL FUEL OIL 2 (1) [RULE 2012, 5-6-2005]; PM: 0.01 GRAINS/SCF (5B) [RULE 476, 10-8-1976]; PM: 0.1 GRAINS/SCF (5) [RULE 409, 8-7-1981]; PM: 11 LBS/HR (5A) [RULE 476, 10-8-1976]; SOX: 500 PPMV (5) [RULE 407, 4-2-1982]	B61.1, B75.1, D12.1, D12.2, D28.1, D82.1, D328.1, D371.1, E17.1, E73.1, E113.1, E179.1, E193.1, E395.1, K48.1

\* (1) (1A) (1B) Denotes RECLAIM emission factor  
 (3) Denotes RECLAIM concentration limit  
 (5) (5A) (5B) Denotes command and control emission limit  
 (7) Denotes NSR applicability limit  
 (9) See App B for Emission Limits  
 (2) (2A) (2B) Denotes RECLAIM emission rate  
 (4) Denotes BACT emission limit  
 (6) Denotes air toxic control rule limit  
 (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)  
 (10) See section J for NESHAP/MACT requirements  
 \*\* Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.



AGMD

## FACILITY PERMIT TO OPERATE MILLERCOORS, LLC

### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
<b>Process 1: BOILERS</b>					
BOILER, NO.3, NATURAL GAS, KEELER, WITH LOW NOX BURNER, OXYGEN CONTENT CONTROL, 59.6 MMBTU/HR WITH A/N: 484115  BURNER, NATURAL GAS, DETROIT STOKER COMPANY, WITH LOW NOX BURNER, 59.6 MMBTU/HR	D3		NOX: MAJOR SOURCE**	CO: 400 PPMV (5) [RULE 1146, 11-17-2000; RULE 1146, 9-5-2008]; CO: 2000 PPMV (5A) [RULE 407, 4-2-1982]; PM: 0.01 GRAINS/SCF (5B) [RULE 476, 10-8-1976]; PM: 0.1 GRAINS/SCF (5) [RULE 409, 8-7-1981]; PM: 11 LBS/HR (5A) [RULE 476, 10-8-1976]; SOX: 500 PPMV (5) [RULE 407, 4-2-1982]	D12.2, D29.2, D82.1, D328.1, E17.1, E113.1, E193.1, K48.1
<b>Process 2: INTERNAL COMBUSTION ENGINES</b>					
<b>System 1: EMERGENCY FIRE PUMPS</b>					
INTERNAL COMBUSTION ENGINE, EMERGENCY FIRE, DIESEL FUEL, DETROIT DIESEL, MODEL 1064-7110, 180 HP WITH A/N: 484120  PUMP	D5		NOX: PROCESS UNIT**	NOX: 469 LBS/1000 GAL DIESEL (1) [RULE 2012, 5-6-2005]; PM: DIESEL (5) [RULE 1470, 6-1-2007]; PM: (9) [RULE 404, 2-7-1986]	B61.1, C1.1, D12.3, E71.1, E71.2, H23.4, K67.5, K67.6
INTERNAL COMBUSTION ENGINE, EMERGENCY FIRE, DIESEL FUEL, DETROIT DIESEL, 180 HP WITH A/N: 484121  PUMP	D6		NOX: PROCESS UNIT**	NOX: 469 LBS/1000 GAL DIESEL (1) [RULE 2012, 5-6-2005]; PM: DIESEL (5) [RULE 1470, 6-1-2007]; PM: (9) [RULE 404, 2-7-1986]	B61.1, C1.1, D12.3, E71.1, E71.2, H23.4, K67.5, K67.6
<b>System 2: NON-EMERGENCY COMPRESSOR DRIVERS</b>					

\* (1) (1A) (1B) Denotes RECLAIM emission factor (2) (2A) (2B) Denotes RECLAIM emission rate  
 (3) Denotes RECLAIM concentration limit (4) Denotes BACT emission limit  
 (5) (5A) (5B) Denotes command and control emission limit (6) Denotes air toxic control rule limit  
 (7) Denotes NSR applicability limit (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)  
 (9) See App B for Emission Limits (10) See section J for NESHAP/MACT requirements

\*\* Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.



## FACILITY PERMIT TO OPERATE MILLERCOORS, LLC

### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
<b>Process 2: INTERNAL COMBUSTION ENGINES</b>					
INTERNAL COMBUSTION ENGINE, NON-EMERGENCY, RICH BURN, NATURAL GAS, CATERPILLAR, MODEL G3512TA-130-CAT, WITH AFTERCOOLER, TURBOCHARGER, 790 BHP A/N: 484122	D96	C97	NOX: LARGE SOURCE**	CO: 0.6 GRAM/BHP-HR (4) [RULE 1303(a)(1)-BACT, 5-10-1996]; CO: 2000 PPMV NATURAL GAS (5) [RULE 1110.1, 10-4-1985; RULE 1110.2, 7-9-2010]; NOX: 10.95 PPMV (4) [RULE 1303(a)(1)-BACT, 5-10-1996]; NOX: 10.95 PPMV (3) [RULE 2012, 5-6-2005]; NOX: 36 PPMV NATURAL GAS (5) [RULE 1110.2, 7-9-2010]; ROG: 0.15 GRAM/BHP-HR (4) [RULE 1303(a)(1)-BACT, 5-10-1996]; ROG: 250 PPMV NATURAL GAS (5) [RULE 1110.2, 7-9-2010]	D12.3, D12.4, D28.3, H23.5
NON-SELECTIVE CATALYTIC REDUCTION A/N: 484122	C97	D96			
INTERNAL COMBUSTION ENGINE, NON-EMERGENCY, RICH BURN, NATURAL GAS, CATERPILLAR, MODEL G3512TA-130-CAT, WITH AFTERCOOLER, TURBOCHARGER, 790 BHP A/N: 484124	D98	C99	NOX: LARGE SOURCE**	CO: 0.6 GRAM/BHP-HR (4) [RULE 1303(a)(1)-BACT, 5-10-1996]; CO: 2000 PPMV NATURAL GAS (5) [RULE 1110.1, 10-4-1985; RULE 1110.2, 7-9-2010]; NOX: 10.95 PPMV (4) [RULE 1303(a)(1)-BACT, 5-10-1996]; NOX: 10.95 PPMV (3) [RULE 2012, 5-6-2005]; NOX: 36 PPMV NATURAL GAS (5) [RULE 1110.2, 7-9-2010]; ROG: 0.15 GRAM/BHP-HR (4) [RULE 1303(a)(1)-BACT, 5-10-1996]; ROG: 250 PPMV NATURAL GAS (5) [RULE 1110.2, 7-9-2010]	D12.3, D12.4, D28.3, H23.5

- \* (1) (1A) (1B) Denotes RECLAIM emission factor
- (3) Denotes RECLAIM concentration limit
- (5) (5A) (5B) Denotes command and control emission limit
- (7) Denotes NSR applicability limit
- (9) See App B for Emission Limits
- (2) (2A) (2B) Denotes RECLAIM emission rate
- (4) Denotes BACT emission limit
- (6) Denotes air toxic control rule limit
- (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
- (10) See section J for NESHAP/MACT requirements

\*\* Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.



## FACILITY PERMIT TO OPERATE MILLERCOORS, LLC

### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
<b>Process 2: INTERNAL COMBUSTION ENGINES</b>					
NON-SELECTIVE CATALYTIC REDUCTION A/N: 484124	C99	D98			
<b>System 3: GAS TURBINES POWER GENERATION</b>					
GAS TURBINE, NO. 1, NATURAL GAS, SOLAR TAURUS, MODEL 60, 57 MMBTU/HR A/N: 484125	D102	C107	NOX: MAJOR SOURCE**	CO: 6 PPMV NATURAL GAS (4) [RULE 1303(a)(1)-BACT, 5-10-1996]; CO: 2000 PPMV NATURAL GAS (5) [RULE 407, 4-2-1982]; NH3: 5 PPMV NATURAL GAS (4) [RULE 1303(a)(1)-BACT, 5-10-1996]; NOX: 2.5 PPMV NATURAL GAS (4) [RULE 1303(a)(1)-BACT, 5-10-1996]; NOX: 180 PPMV (8) [40CFR 60 Subpart GG, 2-24-2006]; PM: 0.1 GRAINS/SCF NATURAL GAS (5) [RULE 409, 8-7-1981]; SOX: 150 PPMV (8) [40CFR 60 Subpart GG, 2-24-2006]; SOX: 500 PPMV NATURAL GAS (5) [RULE 407, 4-2-1982]	A99.1, A195.1, A195.2, A195.3, C1.4, D12.5, D12.6, D28.2, D29.1, D82.2, D82.3, E179.2, E193.1, K40.1
BURNER, DUCT, NATURAL GAS, FORNEY, MODEL B10076, 39 MMBTU/HR A/N: 484125	D104	C107	NOX: MAJOR SOURCE**	CO: 6 PPMV NATURAL GAS (4) [RULE 1303(a)(1)-BACT, 5-10-1996]; CO: 2000 PPMV NATURAL GAS (5) [RULE 407, 4-2-1982]; NOX: 2.5 PPMV NATURAL GAS (4) [RULE 1303(a)(1)-BACT, 5-10-1996]	

\* (1) (1A) (1B) Denotes RECLAIM emission factor  
 (3) Denotes RECLAIM concentration limit  
 (5) (5A) (5B) Denotes command and control emission limit  
 (7) Denotes NSR applicability limit  
 (9) See App B for Emission Limits  
 (2) (2A) (2B) Denotes RECLAIM emission rate  
 (4) Denotes BACT emission limit  
 (6) Denotes air toxic control rule limit  
 (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)  
 (10) See section J for NESHAP/MACT requirements

\*\* Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.



## FACILITY PERMIT TO OPERATE MILLERCOORS, LLC

### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
<b>Process 2: INTERNAL COMBUSTION ENGINES</b>					
GAS TURBINE, NO.2, NATURAL GAS, SOLAR TAURUS, MODEL 60, 57 MMBTU/HR A/N: 484126	D103	C109	NOX: MAJOR SOURCE**	CO: 6 PPMV NATURAL GAS (4) [RULE 1303(a)(1)-BACT, 5-10-1996]; CO: 2000 PPMV NATURAL GAS (5) [RULE 407, 4-2-1982]; NH3: 5 PPMV NATURAL GAS (4) [RULE 1303(a)(1)-BACT, 5-10-1996]; NOX: 2.5 PPMV NATURAL GAS (4) [RULE 1303(a)(1)-BACT, 5-10-1996]; NOX: 180 PPMV (8) [40CFR 60 Subpart GG, 2-24-2006]; PM: 0.1 GRAINS/SCF NATURAL GAS (5) [RULE 409, 8-7-1981]; SOX: 150 PPMV (8) [40CFR 60 Subpart GG, 2-24-2006]; SOX: 500 PPMV NATURAL GAS (5) [RULE 407, 4-2-1982]	A99.1, A195.1, A195.2, A195.3, C1.4, D12.5, D12.6, D28.2, D29.1, D82.2, D82.3, E179.2, E193.1, K40.1
BURNER, DUCT, NATURAL GAS, FORNEY, MODEL B10076, 39 MMBTU/HR A/N: 484126	D105	C109	NOX: MAJOR SOURCE**	CO: 6 PPMV NATURAL GAS (4) [RULE 1303(a)(1)-BACT, 5-10-1996]; CO: 2000 PPMV NATURAL GAS (5) [RULE 407, 4-2-1982]; NOX: 2.5 PPMV NATURAL GAS (4) [RULE 1303(a)(1)-BACT, 5-10-1996]	
STACK A/N: 484125	S112	C106			
STACK A/N: 484126	S113	C108			
<b>System 4: EMERGENCY ELECTRICAL POWER GENERATION</b>					

- \* (1) (1A) (1B) Denotes RECLAIM emission factor
- (3) Denotes RECLAIM concentration limit
- (5) (5A) (5B) Denotes command and control emission limit
- (7) Denotes NSR applicability limit
- (9) See App B for Emission Limits
- (2) (2A) (2B) Denotes RECLAIM emission rate
- (4) Denotes BACT emission limit
- (6) Denotes air toxic control rule limit
- (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
- (10) See section J for NESHAP/MACT requirements

\*\* Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.



## FACILITY PERMIT TO OPERATE MILLERCOORS, LLC

### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
<b>Process 2: INTERNAL COMBUSTION ENGINES</b>					
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, DIESEL FUEL, CATERPILLAR, MODEL 3406 DITA, WITH AFTERCOOLER, TURBOCHARGER, 499 BHP A/N: 484119	D116		NOX: PROCESS UNIT**	NOX: 469 LBS/1000 GAL DIESEL (1) [RULE 2012, 5-6-2005]; PM: DIESEL (5) [RULE 1470, 6-1-2007]; PM: (9) [RULE 404, 2-7-1986]	B61.1, C1.1, D12.3, E71.1, E71.2, H23.4, K67.5, K67.6
<b>Process 3: FUEL STORAGE AND DISPENSING</b>					
STORAGE TANK, FIXED ROOF, GASOLINE, 1000 GALS A/N: 484127	D7				C1.2, C1.3, H23.2, H23.3, J109.1, J373.2, K67.3
FUEL DISPENSING NOZZLE, GASOLINE A/N: 484127	D8				H23.2, J110.1, J373.1, K67.4
<b>Process 4: BEER PRODUCTION</b>					
<b>System 1: MALT AND GRITS RECEIVING AND STORAGE</b>					
PIT A/N: 484137	D9	C21		PM: (9) [RULE 405, 2-7-1986]	D323.1
CONVEYOR A/N: 484137	D10	C21		PM: (9) [RULE 405, 2-7-1986]	D323.1
HOPPER, SURGE A/N: 484137	D11	C21		PM: (9) [RULE 405, 2-7-1986]	D323.1
CONVEYOR, PNEUMATIC A/N: 484137	D12			PM: (9) [RULE 405, 2-7-1986]	D323.1
STORAGE SILO, MALT, WIDTH: 24 FT ; HEIGHT: 60 FT ; LENGTH: 24 FT A/N: 484137	D13	C20		PM: (9) [RULE 405, 2-7-1986]	D323.1
STORAGE SILO, MALT, WIDTH: 24 FT ; HEIGHT: 60 FT ; LENGTH: 24 FT A/N: 484137	D14	C20		PM: (9) [RULE 405, 2-7-1986]	D323.1

* (1) (1A) (1B) Denotes RECLAIM emission factor	(2) (2A) (2B) Denotes RECLAIM emission rate
(3) Denotes RECLAIM concentration limit	(4) Denotes BACT emission limit
(5) (5A) (5B) Denotes command and control emission limit	(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit	(8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
(9) See App B for Emission Limits	(10) See section J for NESHAP/MACT requirements

\*\* Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.



## FACILITY PERMIT TO OPERATE MILLERCOORS, LLC

### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
<b>Process 4: BEER PRODUCTION</b>					
STORAGE SILO, MALT, WIDTH: 24 FT ; HEIGHT: 60 FT ; LENGTH: 24 FT A/N: 484137	D15	C20		PM: (9) [RULE 405, 2-7-1986]	D323.1
STORAGE SILO, MALT, WIDTH: 24 FT ; HEIGHT: 60 FT ; LENGTH: 24 FT A/N: 484137	D16	C20		PM: (9) [RULE 405, 2-7-1986]	D323.1
STORAGE SILO, GRITS, WIDTH: 11 FT ; HEIGHT: 60 FT ; LENGTH: 24 FT A/N: 484137	D17	C20		PM: (9) [RULE 405, 2-7-1986]	D323.1
STORAGE SILO, GRITS, WIDTH: 11 FT ; HEIGHT: 60 FT ; LENGTH: 24 FT A/N: 484137	D18	C20		PM: (9) [RULE 405, 2-7-1986]	D323.1
STORAGE SILO, GRITS, WIDTH: 11 FT ; HEIGHT: 60 FT ; LENGTH: 24 FT A/N: 484137	D19	C20		PM: (9) [RULE 405, 2-7-1986]	D323.1
BAGHOUSE, BUHLER-MIAG, MODEL ASFA-18/8, 168 SQ.FT. A/N: 484135	C20	D13 D14 D15 D16 D17 D18 D19 D24 D29		PM: (9) [RULE 404, 2-7-1986]	D322.1, D381.1, E102.1, K67.2
BAGHOUSE, BUHLER-MIAG, MODEL ASFA-64/8, 597 SQ.FT. A/N: 484131	C21	D9 D10 D11		PM: (9) [RULE 404, 2-7-1986]	D322.1, D381.1, E102.1, K67.2
<b>System 2: BEER MANUFACTURING</b>					
CONVEYOR, PNEUMATIC A/N: 484130	D22	C90		PM: (9) [RULE 405, 2-7-1986]	D323.1
CONVEYOR, PNEUMATIC A/N: 484130	D23	C91		PM: (9) [RULE 405, 2-7-1986]	D323.1
HOPPER, WEIGH, GRITS A/N: 484130	D24	C20		PM: (9) [RULE 405, 2-7-1986]	D323.1
HOPPER, WEIGH, MALT A/N: 484130	D25	C32		PM: (9) [RULE 405, 2-7-1986]	D323.1
MILL, MALT A/N: 484130	D26	C32		PM: (9) [RULE 405, 2-7-1986]	D323.1, E17.3

- |  |   |
|--|---|
| * (1) (1A) (1B) Denotes RECLAIM emission factor          | (2) (2A) (2B) Denotes RECLAIM emission rate                   |
| (3) Denotes RECLAIM concentration limit                  | (4) Denotes BACT emission limit                               |
| (5) (5A) (5B) Denotes command and control emission limit | (6) Denotes air toxic control rule limit                      |
| (7) Denotes NSR applicability limit                      | (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.) |
| (9) See App B for Emission Limits                        | (10) See section J for NESHAP/MACT requirements               |

\*\* Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.



## FACILITY PERMIT TO OPERATE MILLERCOORS, LLC

### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
<b>Process 4: BEER PRODUCTION</b>					
MILL, MALT A/N: 484130	D27	C32		PM: (9) [RULE 405, 2-7-1986]	D323.1, E17.2
CONVEYOR, DRAG A/N: 484130	D28	C32		PM: (9) [RULE 405, 2-7-1986]	D323.1
CONVEYOR, SCREW A/N: 484130	D29	C20		PM: (9) [RULE 405, 2-7-1986]	D323.1
MIXER, HEIGHT: 10 FT 8 IN; DIAMETER: 22 FT A/N: 484130	D30				
COOKER A/N: 484130	D31				
BAGHOUSE, BUHLER-MIAG, MODEL ASFA-24/8, 224 SQ.FT. A/N: 484129	C32	D25 D26 D27 D28 D89			D322.1, D381.1, E102.1, K67.2
HOPPER, MALT MILL INLET A/N: 484130	D89	C32		PM: (9) [RULE 405, 2-7-1986]	D323.1
MILL, MALT A/N: 484130	D88			PM: (9) [RULE 405, 2-7-1986]	D323.1, E80.1
BAGHOUSE, BUHLER-MIAG, MODEL ASFA-9/8 FILTER RECEIVER, 84 SQ.FT. A/N: 484130	C90	D22		PM: (9) [RULE 404, 2-7-1986]	D322.1, D381.1, E102.1, K67.2
BAGHOUSE, BUHLER-MIAG, MODEL ASFA-9/8 FILTER RECEIVER, 84 SQ.FT. A/N: 484130	C91	D23		PM: (9) [RULE 404, 2-7-1986]	D322.1, D381.1, E102.1, K67.2
<b>System 3: BEER MANUFACTURING/TANKS</b>					
TANK, DIATOMACEOUS EARTH, 3767 GALS; DIAMETER: 10 FT ; HEIGHT: 7 FT 3 IN A/N: 484136	D33	C35		PM: (9) [RULE 405, 2-7-1986]	D323.1

- \* (1) (1A) (1B) Denotes RECLAIM emission factor  
 (2) (2A) (2B) Denotes RECLAIM emission rate  
 (3) Denotes RECLAIM concentration limit  
 (4) Denotes BACT emission limit  
 (5) (5A) (5B) Denotes command and control emission limit  
 (6) Denotes air toxic control rule limit  
 (7) Denotes NSR applicability limit  
 (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)  
 (9) See App B for Emission Limits  
 (10) See section J for NESHAP/MACT requirements

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## FACILITY PERMIT TO OPERATE MILLERCOORS, LLC

### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
<b>Process 4: BEER PRODUCTION</b>					
TANK, DIATOMACEOUS EARTH, 2273 GALS; DIAMETER: 8 FT 6 IN; HEIGHT: 6 FT 9 IN A/N: 484133	D34	C35		PM: (9) [RULE 405, 2-7-1986]	D323.1
TANK, DIATOMACEOUS EARTH, 2273 GALS; DIAMETER: 8 FT 6 IN; HEIGHT: 6 FT 9 IN A/N: 484132	D41	C35		PM: (9) [RULE 405, 2-7-1986]	D323.1
BAGHOUSE, GRIFFIN ENVIRONMENTAL, MODEL JV-16-6X, 124 SQ.FT. A/N: 484138	C35	D33 D34 D41		PM: (9) [RULE 404, 2-7-1986]	D322.1, D381.1, E102.1, K67.2
TANK, FERMENTATION, BEER, 7119 BBL; DIAMETER: 30 FT ; HEIGHT: 34 FT A/N: 484128	D42	D219			
TANK, FERMENTATION, BEER, 7119 BBL; DIAMETER: 30 FT ; HEIGHT: 34 FT A/N: 484128	D47	D219			
TANK, FERMENTATION, BEER, 7119 BBL; DIAMETER: 30 FT ; HEIGHT: 34 FT A/N: 484128	D48	D219			
TANK, FERMENTATION, BEER, 7119 BBL; DIAMETER: 30 FT ; HEIGHT: 34 FT A/N: 484128	D49	D219			
TANK, FERMENTATION, BEER, 7119 BBL; DIAMETER: 30 FT ; HEIGHT: 34 FT A/N: 484128	D50	D219			

\* (1) (1A) (1B) Denotes RECLAIM emission factor  
 (2) (2A) (2B) Denotes RECLAIM emission rate  
 (3) Denotes RECLAIM concentration limit  
 (4) Denotes BACT emission limit  
 (5) (5A) (5B) Denotes command and control emission limit  
 (6) Denotes air toxic control rule limit  
 (7) Denotes NSR applicability limit  
 (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)  
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## FACILITY PERMIT TO OPERATE MILLERCOORS, LLC

### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
<b>Process 4: BEER PRODUCTION</b>					
TANK, FERMENTATION, BEER, 7119 BBL; DIAMETER: 30 FT ; HEIGHT: 34 FT A/N: 484128	D51	D219			
TANK, FERMENTATION, BEER, 7119 BBL; DIAMETER: 30 FT ; HEIGHT: 34 FT A/N: 484128	D52	D219			
TANK, FERMENTATION, BEER, 7119 BBL; DIAMETER: 30 FT ; HEIGHT: 34 FT A/N: 484128	D53	D219			
TANK, FERMENTATION, BEER, 7119 BBL; DIAMETER: 30 FT ; HEIGHT: 34 FT A/N: 484128	D54	D219			
TANK, FERMENTATION, BEER, 7119 BBL; DIAMETER: 30 FT ; HEIGHT: 34 FT A/N: 484128	D55	D219			
TANK, FERMENTATION, BEER, 7119 BBL; DIAMETER: 30 FT ; HEIGHT: 34 FT A/N: 484128	D56	D219			
TANK, FERMENTATION, BEER, 7119 BBL; DIAMETER: 30 FT ; HEIGHT: 34 FT A/N: 484128	D57	D219			
TANK, FERMENTATION, BEER, 7119 BBL; DIAMETER: 30 FT ; HEIGHT: 34 FT A/N: 484128	D58	D219			

- \* (1) (1A) (1B) Denotes RECLAIM emission factor
- (3) Denotes RECLAIM concentration limit
- (5) (5A) (5B) Denotes command and control emission limit
- (7) Denotes NSR applicability limit
- (9) See App B for Emission Limits
- (2) (2A) (2B) Denotes RECLAIM emission rate
- (4) Denotes BACT emission limit
- (6) Denotes air toxic control rule limit
- (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
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## FACILITY PERMIT TO OPERATE MILLERCOORS, LLC

### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
<b>Process 4: BEER PRODUCTION</b>					
TANK, FERMENTATION, BEER, 7119 BBL; DIAMETER: 30 FT ; HEIGHT: 34 FT A/N: 484128	D59	D219			
TANK, FERMENTATION, BEER, 7119 BBL; DIAMETER: 30 FT ; HEIGHT: 34 FT A/N: 484128	D60	D219			
TANK, FERMENTATION, BEER, 7119 BBL; DIAMETER: 30 FT ; HEIGHT: 34 FT A/N: 484128	D61	D219			
TANK, FERMENTATION, BEER, 7119 BBL; DIAMETER: 30 FT ; HEIGHT: 34 FT A/N: 484128	D62	D219			
TANK, FERMENTATION, BEER, 7119 BBL; DIAMETER: 30 FT ; HEIGHT: 34 FT A/N: 484128	D63	D219			
TANK, FERMENTATION, BEER, 2300 BBL; DIAMETER: 19 FT 9 IN; HEIGHT: 26 FT A/N: 484128	D64	D219			
TANK, FERMENTATION, BEER, 2300 BBL; DIAMETER: 19 FT 9 IN; HEIGHT: 26 FT A/N: 484128	D65	D219			
TANK, FERMENTATION, BEER, 2300 BBL; DIAMETER: 19 FT 9 IN; HEIGHT: 26 FT A/N: 484128	D66	D219			

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| <ul style="list-style-type: none"> <li>* (1) (1A) (1B) Denotes RECLAIM emission factor</li> <li>(3) Denotes RECLAIM concentration limit</li> <li>(5) (5A) (5B) Denotes command and control emission limit</li> <li>(7) Denotes NSR applicability limit</li> <li>(9) See App B for Emission Limits</li> </ul> | <ul style="list-style-type: none"> <li>(2) (2A) (2B) Denotes RECLAIM emission rate</li> <li>(4) Denotes BACT emission limit</li> <li>(6) Denotes air toxic control rule limit</li> <li>(8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)</li> <li>(10) See section J for NESHAP/MACT requirements</li> </ul> |
|--|--|

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## FACILITY PERMIT TO OPERATE MILLERCOORS, LLC

### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
<b>Process 4: BEER PRODUCTION</b>					
TANK, FERMENTATION, BEER, 2300 BBL; DIAMETER: 19 FT 9 IN; HEIGHT: 26 FT A/N: 484128	D67	D219			
TANK, FERMENTATION, BEER, 2300 BBL; DIAMETER: 19 FT 9 IN; HEIGHT: 26 FT A/N: 484128	D68	D219			
TANK, FERMENTATION, BEER, 2300 BBL; DIAMETER: 19 FT 9 IN; HEIGHT: 26 FT A/N: 484128	D69	D219			
TANK, FERMENTATION, BEER, 2300 BBL; DIAMETER: 19 FT 9 IN; HEIGHT: 26 FT A/N: 484128	D70	D219			
TANK, FERMENTATION, BEER, 2300 BBL; DIAMETER: 19 FT 9 IN; HEIGHT: 26 FT A/N: 484128	D71	D219			
TANK, FERMENTATION, BEER, 2300 BBL; DIAMETER: 19 FT 9 IN; HEIGHT: 26 FT A/N: 484128	D72	D219			
TANK, FERMENTATION, BEER, 2300 BBL; DIAMETER: 19 FT 9 IN; HEIGHT: 26 FT A/N: 484128	D73	D219			
TANK, FERMENTATION, BEER, 2300 BBL; DIAMETER: 19 FT 9 IN; HEIGHT: 26 FT A/N: 484128	D74	D219			

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| <ul style="list-style-type: none"> <li>* (1) (1A) (1B) Denotes RECLAIM emission factor</li> <li>(3) Denotes RECLAIM concentration limit</li> <li>(5) (5A) (5B) Denotes command and control emission limit</li> <li>(7) Denotes NSR applicability limit</li> <li>(9) See App B for Emission Limits</li> </ul> | <ul style="list-style-type: none"> <li>(2) (2A) (2B) Denotes RECLAIM emission rate</li> <li>(4) Denotes BACT emission limit</li> <li>(6) Denotes air toxic control rule limit</li> <li>(8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)</li> <li>(10) See section J for NESHAP/MACT requirements</li> </ul> |
|--|--|

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## FACILITY PERMIT TO OPERATE MILLERCOORS, LLC

### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
<b>Process 4: BEER PRODUCTION</b>					
TANK, FERMENTATION, BEER, 2300 BBL; DIAMETER: 19 FT 9 IN; HEIGHT: 26 FT A/N: 484128	D75	D219			
TANK, FERMENTATION, BEER, 2300 BBL; DIAMETER: 19 FT 9 IN; HEIGHT: 26 FT A/N: 484128	D76	D219			
TANK, FERMENTATION, BEER, 2300 BBL; DIAMETER: 19 FT 9 IN; HEIGHT: 26 FT A/N: 484128	D77	D219			
TANK, FERMENTATION, BEER, 1146 BBL; DIAMETER: 14 FT ; HEIGHT: 27 FT 7 IN A/N: 484128	D78	D219			
TANK, FERMENTATION, BEER, 1146 BBL; DIAMETER: 14 FT ; HEIGHT: 27 FT 7 IN A/N: 484128	D79	D219			
TANK, FERMENTATION, BEER, 1146 BBL; DIAMETER: 14 FT ; HEIGHT: 27 FT 7 IN A/N: 484128	D80	D219			
TANK, FERMENTATION, BEER, 1146 BBL; DIAMETER: 14 FT ; HEIGHT: 27 FT 7 IN A/N: 484128	D81	D219			
TANK, FERMENTATION, BEER, 1146 BBL; DIAMETER: 14 FT ; HEIGHT: 27 FT 7 IN A/N: 484128	D82	D219			

- \* (1) (1A) (1B) Denotes RECLAIM emission factor
- (3) Denotes RECLAIM concentration limit
- (5) (5A) (5B) Denotes command and control emission limit
- (7) Denotes NSR applicability limit
- (9) See App B for Emission Limits
- (2) (2A) (2B) Denotes RECLAIM emission rate
- (4) Denotes BACT emission limit
- (6) Denotes air toxic control rule limit
- (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
- (10) See section J for NESHAP/MACT requirements

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## FACILITY PERMIT TO OPERATE MILLERCOORS, LLC

### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
<b>Process 4: BEER PRODUCTION</b>					
TANK, FERMENTATION, BEER, 1146 BBL; DIAMETER: 14 FT ; HEIGHT: 27 FT 7 IN A/N: 484128	D83	D219			
TANK, FERMENTATION, BEER, 7119 BBL; DIAMETER: 30 FT; HEIGHT: 34 FT A/N: 485039	D117	D219			C1.12, E71.8
TANK, FERMENTATION, BEER, 7119 BBL; DIAMETER: 30 FT., HEIGHT: 34 FT. A/N: 485039	D118	D219			C1.13, E71.9
<b>System 4: CO2 RECOVERY / PURIFICATION SYSTEM</b>					
FILTER, FOAM TRAP A/N: 484955	D219	D42 D47 D48 D49 D50 D51 D52 D53 D54 D55 D56 D57 D58 D59 D60 D61 D62 D63 D64 D65 D66 D67 D68 D69 D70 D71 D72 D73 D74 D75 D76 D77 D78 D79 D80 D81 D82 D83 D117 D118 D216 D217			
COMPRESSOR, CO2 BOOSTER, 2500 LB/HR A/N: 484955	D119				

- \* (1) (1A) (1B) Denotes RECLAIM emission factor
- (2) (2A) (2B) Denotes RECLAIM emission rate
- (3) Denotes RECLAIM concentration limit
- (4) Denotes BACT emission limit
- (5) (5A) (5B) Denotes command and control emission limit
- (6) Denotes air toxic control rule limit
- (7) Denotes NSR applicability limit
- (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
- (9) See App B for Emission Limits
- (10) See section J for NESHAP/MACT requirements

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## FACILITY PERMIT TO OPERATE MILLERCOORS, LLC

### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
<b>Process 4: BEER PRODUCTION</b>					
COMPRESSOR, CO2 BOOSTER, 2500 LB/HR. A/N: 484955	D120				
COMPRESSOR, CO2 BOOSTER, 2500 LB/HR. A/N: 484955	D121				
GAS SEPARATOR, CO2 STRIPPER, 12,500 LB/HR. A/N: 484955	D200				
EVAPORATOR, / CONDENSOR, CO2, LIQUIVAP, 12,500 LB/HR. A/N: 484955	D201				
SCRUBBER, CO2, 6250 LB/HR. A/N: 484955	D202				
SCRUBBER, CO2, 6250 LB/HR. A/N: 484955	D203				
COOLER, PRECOOLER, HIGH PRESSURE, 6250 LB/HR. A/N: 484955	D204				
COOLER, PRECOOLER, HIGH PRESSURE, 6250 LB/HR. A/N: 484955	D205				
CARBON ADSORBER, PURIFIER, 6250 LB/HR. A/N: 484955	D206				
CARBON ADSORBER, PURIFIER, 6250 LB/HR. A/N: 484955	D207				
DRYER, CO2 DRYER, 6250 LB/HR. A/N: 484955	D208				
DRYER, CO2 DRYER, 6250 LB/HR. A/N: 484955	D209				

- \* (1) (1A) (1B) Denotes RECLAIM emission factor
- (3) Denotes RECLAIM concentration limit
- (5) (5A) (5B) Denotes command and control emission limit
- (7) Denotes NSR applicability limit
- (9) See App B for Emission Limits
- (2) (2A) (2B) Denotes RECLAIM emission rate
- (4) Denotes BACT emission limit
- (6) Denotes air toxic control rule limit
- (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
- (10) See section J for NESHAP/MACT requirements

\*\* Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.



## FACILITY PERMIT TO OPERATE MILLERCOORS, LLC

### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
<b>Process 4: BEER PRODUCTION</b>					
FILTER, DUST FILTER A/N: 484955	D210				
CARBON ADSORBER, PURIFIER, 6250 LB/HR. A/N: 484955	D211				
CARBON ADSORBER, PURIFIER, 6250 LB/HR. A/N: 484955	D212				
COMPRESSOR, CO2, 2500 LB/HR. A/N: 484955	D133				
COMPRESSOR, CO2, 2500 LB/HR. A/N: 484955	D134				
COMPRESSOR, CO2, 2500 LB/HR. A/N: 484955	D135				
COMPRESSOR, CO2, 2500 LB/HR. A/N: 484955	D136				
COOLER, CO2 AFTERCOOLER, 2500 LB/HR. A/N: 484955	D137				
COOLER, CO2 AFTERCOOLER, 2500 LB/HR. A/N: 484955	D138				
COOLER, AFTERCOOLER, 2500 LB/HR. A/N: 484955	D139				
COOLER, AFTERCOOLER, 2500 LB/HR. A/N: 484955	D140				
CONDENSER, CO2 CONDENSER, 5000 LB/HR. A/N: 484955	D148				

\* (1) (1A) (1B) Denotes RECLAIM emission factor  
 (2) (2A) (2B) Denotes RECLAIM emission rate  
 (3) Denotes RECLAIM concentration limit  
 (4) Denotes BACT emission limit  
 (5) (5A) (5B) Denotes command and control emission limit  
 (6) Denotes air toxic control rule limit  
 (7) Denotes NSR applicability limit  
 (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)  
 (9) See App B for Emission Limits  
 (10) See section J for NESHAP/MACT requirements

\*\* Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.



## FACILITY PERMIT TO OPERATE MILLERCOORS, LLC

### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
<b>Process 4: BEER PRODUCTION</b>					
CONDENSER, CO2 CONDENSER, 5000 LB/HR. A/N: 484955	D149				
STORAGE TANK, LIQUID CO2, 242,000 LB. A/N: 484955	D150				
STORAGE TANK, LIQUID CO2, 242,000 LB. A/N: 484955	D151				
STORAGE TANK, LIQUID CO2, 242,000 LB. A/N: 484955	D152				
EVAPORATOR, CO2, 12,000 LB/HR. A/N: 484955	D153				
EVAPORATOR, CO2, 4,000 LB/HR. A/N: 484955	D154				
EVAPORATOR, CO2, 4,000 LB/HR. A/N: 484955	D155				
EVAPORATOR, CO2, 4,000 LB/HR. A/N: 484955	D156				
STORAGE TANK, CO2 SURGE/VAPOR STORAGE TANK. A/N: 484955	D157				
STORAGE TANK, CO2 SURGE/VAPOR STORAGE TANK. A/N: 484955	D158				
<b>Process 5: STORAGE TANKS</b>					
STORAGE TANK, FIXED ROOF, NO.4801T1, DIESEL FUEL, 1000000 GALS A/N: 484140	D38				J123.1
<b>Process 7: Rule 219 Exempt Equipment/Process Subject to Source-Specific Rules</b>					

- \* (1) (1A) (1B) Denotes RECLAIM emission factor
- (3) Denotes RECLAIM concentration limit
- (5) (5A) (5B) Denotes command and control emission limit
- (7) Denotes NSR applicability limit
- (9) See App B for Emission Limits
- (2) (2A) (2B) Denotes RECLAIM emission rate
- (4) Denotes BACT emission limit
- (6) Denotes air toxic control rule limit
- (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
- (10) See section J for NESHAP/MACT requirements

\*\* Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.



## FACILITY PERMIT TO OPERATE MILLERCOORS, LLC

### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
<b>Process 7: Rule 219 Exempt Equipment/Process Subject to Source-Specific Rules</b>					
<b>System 1: RULE 219 EXEMPT</b>					
RULE 219 EXEMPT EQUIPMENT, ABRASIVE BLASTING EQUIPMENT, GLOVE-BOX, <= 53 FT3, WITH DUST FILTER	E92			<b>PM:</b> (9) [RULE 1140, 8-2-1985; <b>RULE 404, 2-7-1986; RULE 405, 2-7-1986]</b>	D322.1, D381.1, K67.2
RULE 219 EXEMPT EQUIPMENT, PRINTING EQUIPMENT, WITH RELATED COATING, LAMINATING AND DRYING EQUIPMENT	E93			<b>ROG:</b> (9) [RULE 1130, 3-8-1996; <b>RULE 1130, 10-8-1999; RULE 1171, 6-13-1997; RULE 1171, 10-8-1999]</b>	
RULE 219 EXEMPT EQUIPMENT, CLEANING EQUIPMENT, SMALL, UNHEATED, NON-CONVEYORIZED	E94			<b>ROG:</b> (9) [RULE 1171, 6-13-1997; <b>RULE 1171, 10-8-1999]</b>	H23.1
RULE 219 EXEMPT EQUIPMENT, COATING EQUIPMENT, PORTABLE, ARCHITECTURAL COATINGS	E95			<b>ROG:</b> (9) [RULE 1113, 5-14-1999; <b>RULE 1171, 6-13-1997; RULE 1171, 10-8-1999]</b>	K67.1
RULE 219 EXEMPT EQUIPMENT, AIR CONDITIONING	E227				
<b>Process 9: FLAVORED MALT BEVERAGE LINE</b>					
<b>System 2: ETHANOL STORAGE</b>					
STORAGE TANK, FIXED ROOF, ETHANOL, HEIGHT: 20 FT ; DIAMETER: 8 FT A/N: 498003	D182				C1.5, E71.11, E144.1, K67.8
STORAGE TANK, FIXED ROOF, ETHANOL, HEIGHT: 20 FT ; DIAMETER: 8 FT A/N: 498004	D183				C1.5, E144.1, K67.8

\* (1) (1A) (1B) Denotes RECLAIM emission factor  
 (2) (2A) (2B) Denotes RECLAIM emission rate  
 (3) Denotes RECLAIM concentration limit  
 (4) Denotes BACT emission limit  
 (5) (5A) (5B) Denotes command and control emission limit  
 (6) Denotes air toxic control rule limit  
 (7) Denotes NSR applicability limit  
 (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)  
 (9) See App B for Emission Limits  
 (10) See section J for NESHAP/MACT requirements

\*\* Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.



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**FACILITY PERMIT TO OPERATE  
MILLERCOORS, LLC**

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**SECTION D: DEVICE ID INDEX**

**The following sub-section provides an index  
to the devices that make up the facility  
description sorted by device ID.**



**FACILITY PERMIT TO OPERATE  
MILLERCOORS, LLC**

**SECTION D: DEVICE ID INDEX**

Device Index For Section D			
Device ID	Section D Page No.	Process	System
D1	1	1	0
D2	2	1	0
D3	3	1	0
D5	3	2	1
D6	3	2	1
D7	7	3	0
D8	7	3	0
D9	7	4	1
D10	7	4	1
D11	7	4	1
D12	7	4	1
D13	7	4	1
D14	7	4	1
D15	8	4	1
D16	8	4	1
D17	8	4	1
D18	8	4	1
D19	8	4	1
C20	8	4	1
C21	8	4	1
D22	8	4	2
D23	8	4	2
D24	8	4	2
D25	8	4	2
D26	8	4	2
D27	9	4	2
D28	9	4	2
D29	9	4	2
D30	9	4	2
D31	9	4	2
C32	9	4	2
D33	9	4	3
D34	10	4	3
C35	10	4	3
D38	18	5	0



## FACILITY PERMIT TO OPERATE MILLERCOORS, LLC

### SECTION D: DEVICE ID INDEX

Device Index For Section D			
Device ID	Section D Page No.	Process	System
D41	10	4	3
D42	10	4	3
D47	10	4	3
D48	10	4	3
D49	10	4	3
D50	10	4	3
D51	11	4	3
D52	11	4	3
D53	11	4	3
D54	11	4	3
D55	11	4	3
D56	11	4	3
D57	11	4	3
D58	11	4	3
D59	12	4	3
D60	12	4	3
D61	12	4	3
D62	12	4	3
D63	12	4	3
D64	12	4	3
D65	12	4	3
D66	12	4	3
D67	13	4	3
D68	13	4	3
D69	13	4	3
D70	13	4	3
D71	13	4	3
D72	13	4	3
D73	13	4	3
D74	13	4	3
D75	14	4	3
D76	14	4	3
D77	14	4	3
D78	14	4	3
D79	14	4	3



**FACILITY PERMIT TO OPERATE  
MILLERCOORS, LLC**

**SECTION D: DEVICE ID INDEX**

Device Index For Section D			
Device ID	Section D Page No.	Process	System
D80	14	4	3
D81	14	4	3
D82	14	4	3
D83	15	4	3
D88	9	4	2
D89	9	4	2
C90	9	4	2
C91	9	4	2
E92	19	7	1
E93	19	7	1
E94	19	7	1
E95	19	7	1
D96	4	2	2
C97	4	2	2
D98	4	2	2
C99	5	2	2
D102	5	2	3
D103	6	2	3
D104	5	2	3
D105	6	2	3
S112	6	2	3
S113	6	2	3
D116	7	2	4
D117	15	4	3
D118	15	4	3
D119	15	4	4
D120	16	4	4
D121	16	4	4
D133	17	4	4
D134	17	4	4
D135	17	4	4
D136	17	4	4
D137	17	4	4
D138	17	4	4
D139	17	4	4



**FACILITY PERMIT TO OPERATE  
MILLERCOORS, LLC**

**SECTION D: DEVICE ID INDEX**

<b>Device Index For Section D</b>			
<b>Device ID</b>	<b>Section D Page No.</b>	<b>Process</b>	<b>System</b>
D140	17	4	4
D148	17	4	4
D149	18	4	4
D150	18	4	4
D151	18	4	4
D152	18	4	4
D153	18	4	4
D154	18	4	4
D155	18	4	4
D156	18	4	4
D157	18	4	4
D158	18	4	4
D182	19	9	2
D183	19	9	2
D200	16	4	4
D201	16	4	4
D202	16	4	4
D203	16	4	4
D204	16	4	4
D205	16	4	4
D206	16	4	4
D207	16	4	4
D208	16	4	4
D209	16	4	4
D210	17	4	4
D211	17	4	4
D212	17	4	4
D219	15	4	4
E227	19	7	1



## FACILITY PERMIT TO OPERATE MILLERCOORS, LLC

### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

#### FACILITY CONDITIONS

F14.1 The operator shall not purchase diesel fuel containing sulfur compounds in excess of 15 ppm by weight as supplied by the supplier.

This condition shall become effective on or after June 1, 2004.

As of January 1, 2006, the operator shall only use diesel fuel with a sulfur content that does not exceed 15 ppm by weight, unless the operator demonstrates in writing to the Executive Officer that specific additional time is necessary.

The .05 percent sulfur limit shall not apply to existing supplies of any liquid fuel in storage as of October 1, 1993 until such supply is exhausted.

[RULE 431.2, 5-4-1990; RULE 431.2, 9-15-2000]

F24.1 Accidental release prevention requirements of Section 112(r)(7):

a). The operator shall comply with the accidental release prevention requirements pursuant to 40 CFR Part 68 and shall submit to the Executive Officer, as a part of an annual compliance certification, a statement that certifies compliance with all of the requirements of 40 CFR Part 68, including the registration and submission of a risk management plan (RMP).

b). The operator shall submit any additional relevant information requested by the Executive Officer or designated agency.

[40CFR 68 - Accidental Release Prevention, 5-24-1996]

#### PROCESS CONDITIONS



## FACILITY PERMIT TO OPERATE MILLERCOORS, LLC

### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

#### The operator shall comply with the terms and conditions set forth below:

P28.1 Except for diesel transfers, Phase I vapor recovery systems shall be in full operation whenever fuel is being transferred into storage tanks.

Except for diesel transfers, Phase II vapor recovery systems shall be in full operation whenever fuel is being transferred into motor vehicles, as defined in Rule 461.

All Phase I and Phase II vapor recovery equipment at this facility shall be installed, operated and maintained to meet all California Air Resources Board certification requirements.

[RULE 461, 9-8-1995; RULE 461, 4-21-2000]

[Processes subject to this condition : 3]

### DEVICE CONDITIONS

#### A. Emission Limits

A99.1 The 2.5 PPM NOX emission limit(s) shall not apply during start-up or shutdown, or the initial start-up period. The initial start-up period shall not exceed 30 calendar days from the date of installation. The start-up and shutdown time shall not exceed 2 hours for cold and 1 hour for hot and warm, as applicable.

[RULE 2005, 5-6-2005; RULE 2005, 6-3-2011; RULE 429, 12-21-1990]

[Devices subject to this condition : D102, D103]

A195.1 The 5 PPM NH3 emission limit(s) is averaged over 15 minutes at 15 percent oxygen.



**FACILITY PERMIT TO OPERATE  
MILLERCOORS, LLC**

**SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS**

**The operator shall comply with the terms and conditions set forth below:**

[RULE 2005, 5-6-2005; RULE 2005, 6-3-2011]

[Devices subject to this condition : D102, D103]

A195.2 The 2.5 PPM NOX emission limit(s) is averaged over 15 minutes at 15 percent oxygen.

[RULE 2005, 5-6-2005; RULE 2005, 6-3-2011]

[Devices subject to this condition : D102, D103]

A195.3 The 6 PPM CO emission limit(s) is averaged over 15 minutes at 15 percent oxygen.

[RULE 2005, 5-6-2005; RULE 2005, 6-3-2011]

[Devices subject to this condition : D102, D103]

**B. Material/Fuel Type Limits**

B61.1 The operator shall not use fuel oil containing the following specified compounds:

Compound	Header 2	weight percent
Sulfur	greater than	0.05

[RULE 431.2, 5-4-1990; RULE 431.2, 9-15-2000]

[Devices subject to this condition : D1, D2, D5, D6, D116]



## FACILITY PERMIT TO OPERATE MILLERCOORS, LLC

### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

**The operator shall comply with the terms and conditions set forth below:**

B75.1 The operator shall not use fuel oil in this equipment except under the following circumstance(s):

Natural gas curtailment

Maintenance testing

Compliance testing

[RULE 1303(a)(1)-BACT, 5-10-1996]

[Devices subject to this condition : D1, D2]

#### **C. Throughput or Operating Parameter Limits**

C1.1 The operator shall limit the operating time to no more than 200 hour(s) in any one year.

No more than 50 hours in any one year should be included in the total operating hours of this engine for maintenance and testing purposes.

[RULE 1110.2, 7-9-2010; RULE 1304(a)-Modeling and Offset Exemption, 6-14-1996;  
RULE 1470, 6-1-2007; RULE 2012, 5-6-2005]

[Devices subject to this condition : D5, D6, D116]

C1.2 The operator shall limit the material processed to no more than 300 gallon(s) per month.

For the purpose of this condition, material processed shall be defined as the maximum quantity of gasoline dispensed from the storage tanks.

[RULE 1303(b)(2)-Offset, 5-10-1996]



## FACILITY PERMIT TO OPERATE MILLERCOORS, LLC

### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

**The operator shall comply with the terms and conditions set forth below:**

[Devices subject to this condition : D7]

C1.3 The operator shall limit the material processed to no more than 3600 gallon(s) per year.

For the purpose of this condition, material processed shall be defined as the maximum quantity of gasoline dispensed from the storage tank.

[RULE 1303(b)(2)-Offset, 5-10-1996]

[Devices subject to this condition : D7]

C1.4 The operator shall limit the duration of startup to no more than 2 hour(s).

For the purpose of this condition, duration of start-up shall be defined as hours per incident.

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 429, 12-21-1990]

[Devices subject to this condition : D102, D103]

C1.5 The operator shall limit the material processed to no more than 12400 gallon(s) per month.

For the purpose of this condition, material processed shall be defined as the maximum quantity of ethanol transferred to this storage tank.

[RULE 1303(b)(2)-Offset, 5-10-1996]

[Devices subject to this condition : D182, D183]

C1.12 The operator shall limit the material processed to no more than 20,834 barrel(s) in any one month.



## FACILITY PERMIT TO OPERATE MILLERCOORS, LLC

### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

**The operator shall comply with the terms and conditions set forth below:**

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D117]

- C1.13 The operator shall limit the material processed to no more than 20,834 barrel(s) in any one month.

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D118]

#### **D. Monitoring/Testing Requirements**

- D12.1 The operator shall install and maintain a(n) flow meter to accurately indicate the flue gas flow from the exhaust stack to the burner.

[RULE 1303(a)(1)-BACT, 5-10-1996]

[Devices subject to this condition : D2]

- D12.2 The operator shall install and maintain a(n) non-resettable totalizing fuel meter to accurately indicate the fuel usage in the boiler.

The operator shall also install and maintain a device to continuously record the parameter being measured.

[RULE 2012, 5-6-2005]

[Devices subject to this condition : D1, D2, D3]



## FACILITY PERMIT TO OPERATE MILLERCOORS, LLC

### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

**The operator shall comply with the terms and conditions set forth below:**

D12.3 The operator shall install and maintain a(n) non-resettable elapsed time meter to accurately indicate the elapsed operating time of the engine.

[RULE 1110.2, 7-9-2010; **RULE 1304(a)-Modeling and Offset Exemption, 6-14-1996;**  
RULE 1470, 6-1-2007; **RULE 2012, 5-6-2005**]

[Devices subject to this condition : D5, D6, D96, D98, D116]

D12.4 The operator shall install and maintain a(n) non-resettable totalizing fuel flow meter to accurately indicate the fuel usage of the engine.

[**RULE 2012, 5-6-2005**]

[Devices subject to this condition : D96, D98]

D12.5 The operator shall install and maintain a(n) non-resettable totalizing fuel flow meter to accurately indicate the fuel usage of the gas turbine.

The operator shall also install and maintain a device to continuously record the parameter being measured.

The measuring device or gauge shall be accurate to within plus or minus 5 percent. It shall be calibrated once every 12 months.

[**RULE 1303(b)(2)-Offset, 5-10-1996**]

[Devices subject to this condition : D102, D103]

D12.6 The operator shall install and maintain a(n) continuous monitoring system to accurately indicate the ammonia injection rate of the selective catalytic reduction system.

[**RULE 1303(a)(1)-BACT, 5-10-1996**]



## FACILITY PERMIT TO OPERATE MILLERCOORS, LLC

### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

**The operator shall comply with the terms and conditions set forth below:**

[Devices subject to this condition : D102, D103]

D28.1 The operator shall conduct source test(s) in accordance with the following specifications:

The test shall be conducted at least once every five years.

The test shall be conducted to determine the total PM emissions at the outlet.

Source test shall be conducted when this equipment is using fuel oil.

The test shall be conducted to demonstrate compliance with Rule 476.

The test shall be conducted to determine the PM emissions using District method 5.1 measured over a 15 minute averaging time period.

The test shall be conducted after the boiler fuel oil usage exceeds 2 million gallons in any one year.

**[RULE 3004(a)(4)-Periodic Monitoring, 8-11-1995]**

[Devices subject to this condition : D1, D2]

D28.2 The operator shall conduct source test(s) in accordance with the following specifications:



## FACILITY PERMIT TO OPERATE MILLERCOORS, LLC

### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

**The operator shall comply with the terms and conditions set forth below:**

The test shall be conducted only after notifying the District of the date and time of the test at least 10 days prior to the test.

The test shall be conducted quarterly during the first 12 months of operation and at least annually thereafter.

The test shall be conducted and the results submitted to the District within 45 days after the test date.

The test shall be conducted to determine the NH<sub>3</sub> emissions using District methods 207.1 and 5.3 or EPA method 17.

**[RULE 1303(a)(1)-BACT, 5-10-1996]**

[Devices subject to this condition : D102, D103]

D28.3 The operator shall conduct source test(s) in accordance with the following specifications:

The test shall be conducted to determine the NO<sub>x</sub> emissions using District method 100.1 measured over a 15 minute averaging time period.

The test shall be conducted to determine the CO emissions using District method 100.1 measured over a 15 minute averaging time period.

The test shall be conducted to determine the VOC emissions using District method 25 or 25.1 measured over a 15 minute averaging time period.

The test shall be conducted when this equipment is operating at normal load.

The test shall be conducted at least annually by the operator or by an independent testing laboratory.

**[RULE 1110.2, 7-9-2010; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]**



## FACILITY PERMIT TO OPERATE MILLERCOORS, LLC

### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

[Devices subject to this condition : D96, D98]

D29.1 The operator shall conduct source test(s) for the pollutant(s) identified below.

Pollutant(s) to be tested	Required Test Method(s)	Averaging Time	Test Location
CO emissions	District method 100.1	15 minutes	Outlet of the SCR serving this equipment
NOX emissions	District method 100.1	15 minutes	Outlet of the SCR serving this equipment
SOX emissions	District method 100.1	15 minutes	Outlet of the SCR serving this equipment
ROG emissions	District method 25.1	15 minutes	Outlet of the SCR serving this equipment
PM10 emissions	District method 5.1	15 minutes	Outlet of the SCR serving this equipment



## FACILITY PERMIT TO OPERATE MILLERCOORS, LLC

### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

**The operator shall comply with the terms and conditions set forth below:**

The test shall be conducted to determine the PM emissions using District Method 5.1.

The test shall be conducted to determine the oxygen levels in the exhaust. In addition, the test shall measure the fuel flow rate (CFH), the flue gas flow rate, and the turbine generating output (MW)..

The test shall be conducted to determine the NH<sub>3</sub> emissions using District Method 207.1 and 5.3 or EPA Method 17..

The test shall be conducted in accordance with a District approved source test protocol. The protocol shall be submitted to the engineer identified on the P/C no later than 45 days before the proposed test date and shall be approved by the District before the test commences. The test protocol shall include the proposed operating conditions of the turbine during the test, the identity of the testing laboratory, a statement from the testing laboratory that it meets the criteria of Rule 304 and a description of all sampling and analyti.

The test shall be conducted when this equipment is operating at loads of 100%, 75%, 50% and the minimum load at which ammonia injection occurs.

The test shall be conducted only after notifying the District of the date and time of the test at least 10 days prior to the test..

The test shall be conducted within 60 days of installation.

**[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(b)(2)-Offset, 5-10-1996; RULE 2005, 5-6-2005; RULE 2005, 6-3-2011]**

[Devices subject to this condition : D102, D103]

D29.2 The operator shall conduct source test(s) for the pollutant(s) identified below.



**FACILITY PERMIT TO OPERATE  
MILLERCOORS, LLC**

**SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS**

**The operator shall comply with the terms and conditions set forth below:**

Pollutant(s) to be tested	Required Test Method(s)	Averaging Time	Test Location
PM10 emissions	District method 5.1	15 minutes	Outlet

**[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]**

[Devices subject to this condition : D3]

**D82.1 The operator shall install and maintain a CEMS to measure the following parameters:**

NOX concentration in ppmv

O2 concentration in ppmv

**[RULE 2012, 5-6-2005]**

[Devices subject to this condition : D1, D2, D3]

**D82.2 The operator shall install and maintain a CEMS to measure the following parameters:**

CO concentration in ppmv

Concentrations shall be corrected to 15 percent oxygen on a dry basis.

The CEMS shall be installed and operated in accordance with an approved AQMD Rule 218 CEMS plan application. The operator shall not install the CEMS prior to receiving initial approval from AQMD

**[RULE 1303(a)(1)-BACT, 5-10-1996]**



## FACILITY PERMIT TO OPERATE MILLERCOORS, LLC

### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

**The operator shall comply with the terms and conditions set forth below:**

[Devices subject to this condition : D102, D103]

**D82.3** The operator shall install and maintain a CEMS to measure the following parameters:

NOX concentration in ppmv

The CEMS shall be installed and operating no later than 12 months after the initial start-up of the turbine. During the interim period between the initial start-up and the provisional certification date of the CEMS, the operator shall comply with the monitoring requirements of Rule 2012(h)(3). The operator shall provide written notification of the initial start-up of the turbine

**[RULE 2012, 5-6-2005]**

[Devices subject to this condition : D102, D103]

**D322.1** The operator shall perform annual inspection of the equipment and filter media for leaks, broken or torn filter media, and improperly installed filter media.

**[RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]**

[Devices subject to this condition : C20, C21, C32, C35, C90, C91, E92]



## FACILITY PERMIT TO OPERATE MILLERCOORS, LLC

### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

**The operator shall comply with the terms and conditions set forth below:**

D323.1 The operator shall conduct an inspection for visible emissions from all stacks and other emission points of this equipment whenever there is a public complaint of visible emissions, whenever visible emissions are observed, and on an annual basis, at least, unless the equipment did not operate during the entire annual period. The routine annual inspection shall be conducted while the equipment is in operation and during daylight hours.

If any visible emissions (not including condensed water vapor) are detected that last more than three minutes in any one hour, the operator shall verify and certify within 24 hours that the equipment causing the emission and any associated air pollution control equipment are operating normally according to their design and standard procedures and under the same conditions under which compliance was achieved in the past, and either:

- 1). Take corrective action(s) that eliminates the visible emissions within 24 hours and report the visible emissions as a potential deviation in accordance with the reporting requirements in Section K of this permit; or
- 2). Have a CARB-certified smoke reader determine compliance with the opacity standard, using EPA Method 9 or the procedures in the CARB manual "Visible Emission Evaluation", within three business days and report any deviations to AQMD.

The operator shall keep the records in accordance with the recordkeeping requirements in Section K of this permit and the following records:

- 1). Stack or emission point identification;
- 2). Description of any corrective actions taken to abate visible emissions;
- 3). Date and time visible emission was abated; and
- 4). All visible emission observation records by operator or a certified smoke reader.



## FACILITY PERMIT TO OPERATE MILLERCOORS, LLC

### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

**The operator shall comply with the terms and conditions set forth below:**

**[RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]**

[Devices subject to this condition : D9, D10, D11, D12, D13, D14, D15, D16, D17, D18, D19, D22, D23, D24, D25, D26, D27, D28, D29, D33, D34, D41, D88, D89]

D328.1 The operator shall determine compliance with the CO emission limit(s) either: (a) conducting a source test at least once every five years using AQMD Method 100.1 or 10.1; or (b) conducting a test at least annually using a portable analyzer and AQMD-approved test method. The test shall be conducted when the equipment is operating under normal conditions to demonstrate compliance with Rule 1146 concentration limit. The operator shall comply with all general testing, reporting, and recordkeeping requirements in Sections E and K of this permit.

**[RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]**

[Devices subject to this condition : D1, D2, D3]



## FACILITY PERMIT TO OPERATE MILLERCOORS, LLC

### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

**The operator shall comply with the terms and conditions set forth below:**

D371.1 The operator shall conduct an inspection for visible emissions from all stacks and other emission points of this equipment whenever this equipment has combusted one million gallons of diesel fuel, to be counted cumulatively over a five year period. The inspection shall be conducted while the equipment is in operation and during daylight hours. If any visible emissions (not including condensed water vapor) are detected, the operator shall:

Have a CARB-certified smoke reader determine compliance with the opacity standard, using EPA Method 9 or the procedures in the CARB manual "Visible Emission Evaluation", within three working days (or during the next fuel oil firing period if the unit ceases firing on fuel oil within the three working day time frame) and report any deviations to AQMD.

In addition, the operator shall keep the records in accordance with the recordkeeping requirements in Section K of this permit and the following records:

- a). Stack or emission point identification;
- b). Description of any corrective actions taken to abate visible emissions;
- c). Date and time visible emission was abated; and
- d). Visible emission observation record by a certified smoke reader.

[RULE 3004(c)-Permit Shield, 12-12-1997]

[Devices subject to this condition : D1, D2]



## FACILITY PERMIT TO OPERATE MILLERCOORS, LLC

### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

**The operator shall comply with the terms and conditions set forth below:**

D381.1 The operator shall conduct an inspection for visible emissions from all stacks and other emission points of this equipment whenever there is a public complaint of visible emissions, whenever visible emissions are observed, and on an annual basis, at least, unless the equipment did not operate during the entire annual period. The routine annual inspection shall be conducted while the equipment is in operation and during daylight hours. If any visible emissions (not including condensed water vapor) are detected, the operator shall take corrective action(s) that eliminates the visible emissions within 24 hours and report the visible emissions as a potential deviation in accordance with the reporting requirements in Section K of this permit.

The operator shall keep the records in accordance with the recordkeeping requirements in Section K of this permit and the following records:

- 1). Stack or emission point identification;
- 2). Description of any corrective actions taken to abate visible emissions; and
- 3). Date and time visible emission was abated.

[RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]

[Devices subject to this condition : C20, C21, C32, C35, C90, C91, E92]

#### **E. Equipment Operation/Construction Requirements**

E17.1 The operator shall not use more than 3 of the following items simultaneously:



## FACILITY PERMIT TO OPERATE MILLERCOORS, LLC

### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

**The operator shall comply with the terms and conditions set forth below:**

Device ID: D1 [BOILER, NO.1]

Device ID: D2 [BOILER, NO.2]

Device ID: D3 [BOILER, NO.3]

Device ID: D4 [BOILER, NO.4]

**[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1304(a)-Modeling and Offset Exemption, 6-14-1996]**

[Devices subject to this condition : D1, D2, D3]

E17.2 The operator shall not use more than 1 of the following items simultaneously:

Device ID: D27 [MILL]

Device ID: D88 [MILL]

**[RULE 1303(b)(2)-Offset, 5-10-1996]**

[Devices subject to this condition : D27]

E17.3 The operator shall not use more than 1 of the following items simultaneously:

Device ID: D88 [MILL]

Device ID: D26 [MILL]

**[RULE 1303(b)(2)-Offset, 5-10-1996]**

[Devices subject to this condition : D26]



## FACILITY PERMIT TO OPERATE MILLERCOORS, LLC

### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

**The operator shall comply with the terms and conditions set forth below:**

- E71.1 The operator shall not operate beyond 50 hours per year allotted for maintenance and testing this equipment except in the event of a loss of grid power or up to 30 minutes prior to a rotating outage. This is applicable only when the electrical grid operator or electric utility has ordered rotating outages in the control area where the engine is located or has indicated that it expects to issue such an order at a certain time, and the engine is located in a utility service block that is subject to the rotating outage.

Engine operation shall be terminated immediately after the utility distribution company advises that a rotating outage is no longer imminent or in effect.

[RULE 1470, 6-1-2007]

[Devices subject to this condition : D5, D6, D116]

- E71.2 The operator shall not use this equipment for a demand response program, using interruptible service contract in which a facility receives a payment or reduced rates in return for reducing its electric load on the grid when requested to do so by the utility or the grid operator.

[RULE 1470, 6-1-2007]

[Devices subject to this condition : D5, D6, D116]

- E71.8 The operator shall only vent this equipment to the CO<sub>2</sub> recovery system. Venting to CO<sub>2</sub> recovery system during the first 24 hours of fermentation is optional..

[**RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]**]

[Devices subject to this condition : D117]

- E71.9 The operator shall only vent this equipment to the CO<sub>2</sub> recovery system. Venting to CO<sub>2</sub> recovery system during the first 24 hours of fermentation is optional..



## FACILITY PERMIT TO OPERATE MILLERCOORS, LLC

### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D118]

E71.11 The operator shall not disconnect the ethanol transfer line and vapor return line of this equipment until the complete transfer of ethanol and purging of the lines have been accomplished.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D182]

E73.1 Notwithstanding the requirements of Section E conditions, the operator may, at his discretion, choose not to use FGR if all of the following requirement(s) are met:

Exhaust gas stack temperature below 300 Degrees Fahrenheit

[RULE 1303(a)(1)-BACT, 5-10-1996]

[Devices subject to this condition : D1, D2]

E80.1 The operator shall not use this equipment when all of the following equipment are operating:

Device ID: D26 [MILL]

Device ID: D27 [MILL]

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]



## FACILITY PERMIT TO OPERATE MILLERCOORS, LLC

### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

**The operator shall comply with the terms and conditions set forth below:**

[Devices subject to this condition : D88]

E102.1 The operator shall discharge dust collected in this equipment only into closed containers.

**[RULE 3004(a)(4)-Periodic Monitoring, 8-11-1995]**

[Devices subject to this condition : C20, C21, C32, C35, C90, C91]

E113.1 The operator shall have the burner equipped with a control system to automatically regulate the combustion air, fuel and, if applicable, recirculated flue gas as the boiler load varies. This control system shall be adjusted and tuned at least once a year according to the manufacturer's specifications to maintain its ability to repeat the same performance at the same firing rate.

**[RULE 1303(a)(1)-BACT, 5-10-1996]**

[Devices subject to this condition : D1, D2, D3]

E144.1 The operator shall vent this equipment, during filling, only to the vessel from which it is being filled.

**[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]**

[Devices subject to this condition : D182, D183]

E179.1 For the purpose of the following condition number(s), maintenance testing shall be defined as maintenance testing not to exceed 30 minutes per month.

Condition Number B 75- 1



## FACILITY PERMIT TO OPERATE MILLERCOORS, LLC

### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(b)(2)-Offset, 5-10-1996]

[Devices subject to this condition : D1, D2]

E179.2 For the purpose of the following condition number(s), continuous monitoring shall be defined as recording at least once every hour.

Condition Number 12-6

[RULE 1303(a)(1)-BACT, 5-10-1996]

[Devices subject to this condition : D102, D103]

E193.1 The operator shall restrict the operation of this equipment as follows:

A) All three boilers D1, D2, and D3 can only operate simultaneously when both gas turbines are out of service; or

B) Both gas turbines and the associated duct burners D102, D104, D103, and D105 can only operate simultaneously when no more than one of the above three boilers is in service; or

C) Only one of the above gas turbines and its duct burner can operate when no more than two of the three boilers are in service.

[RULE 1303(b)(2)-Offset, 5-10-1996]

[Devices subject to this condition : D1, D2, D3, D102, D103]



## FACILITY PERMIT TO OPERATE MILLERCOORS, LLC

### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

E395.1 The operator shall tune-up this equipment once a year in accordance with the tune-up procedure specified by the manufacturer. The tune-up shall be conducted while the boiler is burning fuel oil and shall only be required when the boiler fuel oil consumption exceeds 2 million gallons in any one calendar year. The operator shall keep records in accordance with the recordkeeping requirements in Section K of this permit.

[RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]

[Devices subject to this condition : D1, D2]

#### H. Applicable Rules

H23.1 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
VOC	District Rule	1122

[RULE 1122, 10-1-2004; RULE 1122, 5-1-2009]

[Devices subject to this condition : E94]

H23.2 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
VOC	District Rule	461

[RULE 461, 6-3-2005; RULE 461, 3-7-2008]



**FACILITY PERMIT TO OPERATE  
MILLERCOORS, LLC**

**SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS**

**The operator shall comply with the terms and conditions set forth below:**

[Devices subject to this condition : D7, D8]

H23.3 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
VOC	District Rule	463

**[RULE 463, 5-6-2005]**

[Devices subject to this condition : D7]

H23.4 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
SOX	District Rule	431.2
PM	District Rule	1470

**[RULE 1470, 6-1-2007; RULE 431.2, 5-4-1990; RULE 431.2, 9-15-2000]**

[Devices subject to this condition : D5, D6, D116]

H23.5 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
NOX	District Rule	1110.2
VOC	District Rule	1110.2
CO	District Rule	1110.2



## FACILITY PERMIT TO OPERATE MILLERCOORS, LLC

### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

**The operator shall comply with the terms and conditions set forth below:**

[RULE 1110.2, 7-9-2010]

[Devices subject to this condition : D96, D98]

#### **J. Rule 461**

J109.1 The operator shall use, except for diesel transfer, the phase I vapor recovery system in full operation whenever this equipment is in use. This system shall be installed, operated and maintained to meet all CARB certification requirements.

[RULE 461, 6-3-2005; RULE 461, 3-7-2008]

[Devices subject to this condition : D7]

J110.1 The operator shall use, except for diesel transfer, the phase II vapor recovery system in full operation whenever gasoline from this equipment is dispensed to motor vehicles as defined in Rule 461. This system shall be installed, operated and maintained to meet all CARB certification requirements.

[RULE 461, 6-3-2005; RULE 461, 3-7-2008]

[Devices subject to this condition : D8]

J123.1 The operator shall not dispense fuel from this equipment into motor vehicles.

[RULE 461, 6-3-2005; RULE 461, 3-7-2008]

[Devices subject to this condition : D38]



## FACILITY PERMIT TO OPERATE MILLERCOORS, LLC

### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

**The operator shall comply with the terms and conditions set forth below:**

J373.1 The operator shall comply with the following gasoline transfer and dispensing requirements:



## FACILITY PERMIT TO OPERATE MILLERCOORS, LLC

### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

a). The Phase II vapor recovery systems shall be installed, operated, and maintained such that the maximum allowable pressure through the system including nozzle, vapor hose, swivels, and underground piping does not exceed the dynamic back pressures described by the California Air Resources Board (CARB) Executive Order by which the system was certified:

Nitrogen Flowrates (CFH)	Dynamic Back Pressure (Inches of Water)
20	0.15
40	0.16
60	0.35
80	0.62
100	0.95

As required by AQMD Rule 461 or CARB Executive Order, dynamic back pressure tests shall be conducted to determine the Phase II system vapor recovery back pressures. The tests shall be conducted in accordance with CARB Test Procedure Method TP-201.4. Results shall be submitted to the AQMD, Engineering and Compliance, within 48 hours of tests.

The AQMD shall be notified by e-mail at [R461testing@aqmd.gov](mailto:R461testing@aqmd.gov) or by facsimile at telephone number (909) 396-3606 at least seventy two (72) hours prior to testing. Such notification shall include the name of the owner or operator; the name of the contractors; the location of the facility; and the scheduled start and completion dates of the dynamic back pressure test.

The test shall be conducted as frequently as that required by the most recent amendment to Rule 461 or CARB Executive Order requirements, whichever is more stringent.

b). At least once every year, a static pressure leak decay test shall be conducted to demonstrate that the storage tanks, the remote and/or nozzle vapor recovery check



**FACILITY PERMIT TO OPERATE  
MILLERCOORS, LLC**

**SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS**

**The operator shall comply with the terms and conditions set forth below:**

valves, associated vapor return piping and fittings are free from vapor leaks. The test shall be conducted in accordance with CARB Test Procedure Method TP-201.3. Results shall be submitted to the AQMD, Engineering and Compliance, within thirty (30) days of the test.

The AQMD shall be notified by e-mail at R461testing@aqmd.gov or by facsimile at telephone number (909) 396-3606 at least twenty-four hours prior to testing. Such notification shall include the name of the owner or operator; the name of the contractors; the location of the facility; and the scheduled start and completion dates of the static pressure leak decay test.

c). If the CARB Executive Order requires the installation of a liquid removal device, a liquid removal rate test shall be conducted to demonstrate the removal of gasoline from the vapor passage of the coaxial hose. The test shall be conducted within thirty days of initial installation and in accordance with CARB test procedure Method TP-201.6. Results shall be submitted to the AQMD, Engineering and Compliance, within thirty (30) days of the test.

The AQMD shall be notified by e-mail at r461testing@aqmd.gov or by facsimile at telephone number (909) 396-3606 at least twenty-four hours prior to testing. Such notification shall include the name of the owner or operator; the name of the contractors; the location of the facility; and the scheduled start and completion dates of the liquid removal rate test.

[RULE 461, 6-3-2005; RULE 461, 3-7-2008]

[Devices subject to this condition : D8]

J373.2 The operator shall comply with the following gasoline transfer and dispensing requirements:



## FACILITY PERMIT TO OPERATE MILLERCOORS, LLC

### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

**The operator shall comply with the terms and conditions set forth below:**

a). At least once every year, a static pressure leak decay test shall be conducted to demonstrate that the storage tanks, the remote and/or nozzle vapor recovery check valves, associated vapor return piping and fittings are free from vapor leaks. The test shall be conducted in accordance with CARB Test Procedure Method TP-201.3. Results shall be submitted to the AQMD, Engineering and Compliance, within thirty (30) days of the test.

The AQMD shall be notified by e-mail at R461testing@aqmd.gov or by facsimile at telephone number (909) 396-3606 at least twenty-four hours prior to testing. Such notification shall include the name of the owner or operator; the name of the contractors; the location of the facility; and the scheduled start and completion dates of the static pressure leak decay test.

**[RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]**

[Devices subject to this condition : D7]

#### **K. Record Keeping/Reporting**

K40.1 The operator shall provide to the District a source test report in accordance with the following specifications:



## FACILITY PERMIT TO OPERATE MILLERCOORS, LLC

### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

**The operator shall comply with the terms and conditions set forth below:**

Source test results shall be submitted to the District no later than 60 days after the source test was conducted.

Emission data shall be expressed in terms of concentration (ppmv), corrected to 15 percent oxygen, dry basis.

All exhaust flow rate shall be expressed in terms of dry standard cubic feet per minute (DSCFM) and dry actual cubic feet per minute (DACFM).

All moisture concentration shall be expressed in terms of percent corrected to 15 percent oxygen.

Emission data shall be expressed in terms of mass rate (lbs/hr). In addition, solid PM emissions, if required to be tested, shall also be reported in terms of grains per DSCF.

Emission data shall be expressed in terms of lbs/MM cubic feet.

Source test results shall also include turbine fuel flow rate under which the test was conducted.

Source test results shall also include turbine and generator output under which the test was conducted.

**[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(b)(2)-Offset, 5-10-1996; RULE 2005, 5-6-2005; RULE 2005, 6-3-2011]**

[Devices subject to this condition : D102, D103]

K48.1 The operator shall maintain records in a manner approved by the District, to demonstrate compliance with the following condition number(s):

Condition Number E 113- 1



## FACILITY PERMIT TO OPERATE MILLERCOORS, LLC

### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

**[RULE 2012, 5-6-2005]**

[Devices subject to this condition : D1, D2, D3]

K67.1 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

For architectural applications where no thinners, reducers, or other VOC containing materials are added, maintain semi-annual records for all coating consisting of (a) coating type, (b) VOC content as supplied in grams per liter (g/l) of materials for low-solids coatings, (c) VOC content as supplied in g/l of coating, less water and exempt solvent, for other coatings.

For architectural applications where thinners, reducers, or other VOC containing materials are added, maintain daily records for each coating consisting of (a) coating type, (b) VOC content as applied in grams per liter (g/l) of materials used for low-solids coatings, (c) VOC content as applied in g/l of coating, less water and exempt solvent, for other coatings.

**[RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]**

[Devices subject to this condition : E95]

K67.2 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

The name of the person performing the inspection and/or maintenance of the dust collector

The date, time and results of the inspection

The date, time and description of any maintenance or repairs resulting from the inspection



**FACILITY PERMIT TO OPERATE  
MILLERCOORS, LLC**

**SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS**

**The operator shall comply with the terms and conditions set forth below:**

**[RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]**

[Devices subject to this condition : C20, C21, C32, C35, C90, C91, E92]

K67.3 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

Monthly and annual gasoline fuel received

**[RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]**

[Devices subject to this condition : D7]

K67.4 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

All records and test results that are required to be maintained by Rule 461

**[RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]**

[Devices subject to this condition : D8]

K67.5 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):



## FACILITY PERMIT TO OPERATE MILLERCOORS, LLC

### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

**The operator shall comply with the terms and conditions set forth below:**

Emergency use hours of operation

Maintenance and testing hours of operation

Hours of operation for emission testing to show compliance with district rules

Initial start-up hours (commissioning)

Other operating hours (describe reason for operation)

Hours of operation to comply with NFPA

The above records shall be maintained on a monthly basis.

[RULE 1470, 6-1-2007]

[Devices subject to this condition : D5, D6, D116]

**K67.6** The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

The time engine is manually started

The date of operation

The timer reading in hours at the beginning and end of operation

The reason for operation

The above records shall be kept on the premises for a minimum of three years. The total hours of operation shall be recorded sometime during the first 15 days of January of each year.

[RULE 1470, 6-1-2007]



**FACILITY PERMIT TO OPERATE  
MILLERCOORS, LLC**

**SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS**

**The operator shall comply with the terms and conditions set forth below:**

[Devices subject to this condition : D5, D6, D116]

**K67.8** The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

Monthly gallons of ethanol transferred to this tank

**[RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]**

[Devices subject to this condition : D182, D183]



## FACILITY PERMIT TO OPERATE MILLERCOORS, LLC

### SECTION E: ADMINISTRATIVE CONDITIONS

The operating conditions in this section shall apply to all permitted equipment at this facility unless superseded by condition(s) listed elsewhere in this permit.

1. The permit shall remain effective unless this permit is suspended, revoked, modified, reissued, denied, or it is expired for nonpayment of permit processing or annual operating fees. [201, 203, 209, 301]
  - a. The permit must be renewed annually by paying annual operating fees, and the permit shall expire if annual operating fees are not paid pursuant to requirements of Rule 301(d). [301(d)]
  - b. The Permit to Construct listed in Section H shall expire one year from the Permit to Construct issuance date, unless a Permit to Construct extension has been granted by the Executive Officer or unless the equipment has been constructed and the operator has notified the Executive Officer prior to the operation of the equipment, in which case the Permit to Construct serves as a temporary Permit to Operate. [202, 205]
  - c. The Title V permit shall expire as specified under Section K of the Title V permit. The permit expiration date of the Title V facility permit does not supercede the requirements of Rule 205. [205, 3004]
2. The operator shall maintain all equipment in such a manner that ensures proper operation of the equipment. [204]
3. This permit does not authorize the emissions of air contaminants in excess of those allowed by Division 26 of the Health and Safety Code of the State of California or the Rules and Regulations of the AQMD. This permit cannot be considered as permission to violate existing laws, ordinances, regulations, or statutes of other governmental agencies. [204]
4. The operator shall not use equipment identified in this facility permit as being connected to air pollution control equipment unless they are so vented to the identified air pollution control equipment which is in full use and which has been included in this permit. [204]



## FACILITY PERMIT TO OPERATE MILLERCOORS, LLC

### SECTION E: ADMINISTRATIVE CONDITIONS

5. The operator shall not use any equipment having air pollution control device(s) incorporated within the equipment unless the air pollution control device is in full operation. [204]
6. The operator shall maintain records to demonstrate compliance with rules or permit conditions that limit equipment operating parameters, or the type or quantity of material processed. These records shall be made available to AQMD personnel upon request and be maintained for at least: [204]
  - a. Three years for a facility not subject to Title V; or
  - b. Five years for a facility subject to Title V.
7. The operator shall maintain and operate all equipment to ensure compliance with all emission limits as specified in this facility permit. Compliance with emission limits shall be determined according to the following specifications, unless otherwise specified by AQMD rules or permit conditions: [204]
  - a. For internal combustion engines and gas turbines, measured concentrations shall be corrected to 15 percent stack-gas oxygen content on a dry basis and be averaged over a period of 15 consecutive minutes; [1110.2, 1134, 204]
  - b. For other combustion devices, measured concentrations shall be corrected to 3 percent stack-gas oxygen content on a dry basis and be averaged over a period of 15 consecutive minutes; [1146, 1146.1, 204]
  - c. For a large NO<sub>x</sub> source, compliance with a RECLAIM concentration limit shall be measured over a continuous 60 minutes for that source; [2012]
  - d. For non-combustion sources, compliance with emission limits shall be determined and averaged over a period of 60 minutes; [204]



## FACILITY PERMIT TO OPERATE MILLERCOORS, LLC

### SECTION E: ADMINISTRATIVE CONDITIONS

- e. For the purpose of determining compliance with Rule 407, carbon monoxide (CO) shall be measured on a dry basis and be averaged over 15 consecutive minutes, and sulfur compounds which would exist as liquid or gas at standard conditions shall be calculated as sulfur dioxide (SO<sub>2</sub>) and be averaged over 15 consecutive minutes; [407]
- f. For the purpose of determining compliance with Rule 409, combustion contaminant emission measurements shall be corrected to 12 percent of carbon dioxide (CO<sub>2</sub>) at standard conditions and averaged over 15 consecutive minutes. [409]
- g. For the purpose of determining compliance with Rule 475, combustion contaminant emission measurements shall be corrected to 3 percent of oxygen (O<sub>2</sub>) at standard conditions and averaged over 15 consecutive minutes or any other averaging time specified by the Executive Officer. [475]
8. All equipment operating under the RECLAIM program shall comply concurrently with all provisions of AQMD Rules and Regulations, except those listed in Table 1 of Rule 2001 for NO<sub>x</sub> RECLAIM sources and Table 2 of Rule 2001 for SO<sub>x</sub> RECLAIM sources. Those provisions listed in Tables 1 or 2 shall not apply to NO<sub>x</sub> or SO<sub>x</sub> emissions after the date the facility has demonstrated compliance with all monitoring and reporting requirements of Rules 2011 or 2012, as applicable. Provisions of the listed AQMD rules in Tables 1 or 2 which have initial implementation dates in 1994 shall not apply to a RECLAIM NO<sub>x</sub> or SO<sub>x</sub> source, respectively. [2001]
9. The operator shall, when a source test is required by AQMD, provide a source test protocol to AQMD no later than 60 days before the proposed test date. The test shall not commence until the protocol is approved by AQMD. The test protocol shall contain the following information: [204, 304]
  - a. Brief description of the equipment tested.



## FACILITY PERMIT TO OPERATE MILLERCOORS, LLC

### SECTION E: ADMINISTRATIVE CONDITIONS

- b. Brief process description, including maximum and normal operating temperatures, pressures, through-put, etc.
  - c. Operating conditions under which the test will be performed.
  - d. Method of measuring operating parameters, such as fuel rate and process weight. Process schematic diagram showing the ports and sampling locations, including the dimensions of the ducts/stacks at the sampling locations, and distances of flow disturbances, (e.g. elbows, tees, fans, dampers) from the sampling locations (upstream and downstream).
  - e. Brief description of sampling and analytical methods used to measure each pollutant, temperature, flow rates, and moisture.
  - f. Description of calibration and quality assurance procedures.
  - g. Determination that the testing laboratory qualifies as an "independent testing laboratory" under Rule 304 (no conflict of interest).
10. The operator shall submit a report no later than 60 days after conducting a source test, unless otherwise required by AQMD Rules or equipment-specific conditions. The report shall contain the following information: [204]
- a. The results of the source test.
  - b. Brief description of the equipment tested.
  - c. Operating conditions under which test will be performed.
  - d. Method of measuring operating parameters, such as fuel rate and process weight. Process schematic diagram showing the ports and sampling locations, including the dimensions of the ducts/stacks at the sampling locations, and distances of flow disturbances, (e.g. elbows, tees, fans, dampers) from the sampling locations (upstream and downstream).
  - e. Field and laboratory data forms, strip charts and analyses.



## FACILITY PERMIT TO OPERATE MILLERCOORS, LLC

### SECTION E: ADMINISTRATIVE CONDITIONS

- f. Calculations for volumetric flow rates, emission rates, control efficiency, and overall control efficiency.
- 11. The operator shall, when a source test is required, provide and maintain facilities for sampling and testing. These facilities shall comply with the requirements of AQMD Source Test Method 1.1 and 1.2. [217]
- 12. Whenever required to submit a written report, notification or other submittal to the Executive Officer, AQMD, or the District, the operator shall mail or deliver the material to: Deputy Executive Officer, Engineering and Compliance, AQMD, 21865 E. Copley Drive, Diamond Bar, CA 91765-4182. [204]



## FACILITY PERMIT TO OPERATE MILLERCOORS, LLC

### SECTION F: RECLAIM MONITORING AND SOURCE TESTING REQUIREMENTS

The Facility shall comply with all applicable monitoring and source testing requirements in Regulation XX. These requirements may include but are not limited to the following:

#### I. NO<sub>x</sub> Monitoring Conditions

A. The Operator of a NO<sub>x</sub> Major Source, as defined in Rule 2012, shall, as applicable:

1. Install, maintain, and operate an AQMD certified direct or time-shared monitoring device or an approved alternative monitoring device for each major NO<sub>x</sub> source to continuously measure the concentration of NO<sub>x</sub> emissions and all other applicable variables specified in Rule 2012, Table 2012-1 and Rule 2012, Appendix A, Table 2-A to determine the NO<sub>x</sub> emissions rate from each source. The time-sharing of CEMS among NO<sub>x</sub> sources may be allowed by the Executive Officer in accordance with the requirements for time sharing specified in Appendix A. [2012]
2. Install, maintain, and operate a totalizing fuel meter approved by the Executive Officer for each major source. [2012]
3. If the facility is operating existing CEMS and fuel meters, continue to follow recording and reporting procedures required by AQMD Rules and Regulations in effect prior to October 15, 1993 until the CEMS is certified pursuant to Rule 2012. [2012]
4. Use valid data collected by an AQMD certified or provisionally certified CEMS in proper operation that meets all the requirements of Appendix A of Rule 2012, unless final certification of the CEMS is denied, to determine mass emissions for all purposes, including, but not limited to, determining: [2012]
  - a. compliance with the annual Allocation;
  - b. excess emissions;
  - c. the amount of penalties; and
  - d. fees.



## FACILITY PERMIT TO OPERATE MILLERCOORS, LLC

### SECTION F: RECLAIM MONITORING AND SOURCE TESTING REQUIREMENTS

5. Follow missing data procedures as specified in Rule 2012 Appendix A whenever valid data is not available or collected to determine mass emissions for all purposes, including, but not limited to, determining: [2012]
  - a. compliance with the annual Allocation;
  - b. excess emissions;
  - c. the amount of penalties; and
  - d. fees.

B. The Operator of a NO<sub>x</sub> large Source, as defined in Rule 2012, shall, as applicable:

1. Install, maintain, and operate a totalizing fuel meter and any device specified by the Executive Officer as necessary to determine monthly fuel usage or other applicable variables specified in Rule 2012, Appendix A, Table 3-A. The sharing of totalizing fuel meter may be allowed by the Executive Officer if the fuel meter serves large sources which have the same emission factor, concentration limit, or emission rate. The sharing of totalizing fuel meters shall not be allowed for large sources which are required to comply with an annual heat input limit. [2012]
2. Comply at all times with the specified NO<sub>x</sub> concentration limit in PPM measured over any continuous 60 minutes for that source or establish an equipment-specific emission rate that is reliable, accurate, representative of that sources emissions, and in accordance with the requirements specified in Rule 2012, Appendix A, Chapter 5. [2012]

C. The Operator of a NO<sub>x</sub> Process Unit, as defined in Rule 2012, shall, as applicable:



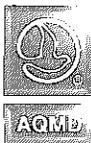
## FACILITY PERMIT TO OPERATE MILLERCOORS, LLC

### SECTION F: RECLAIM MONITORING AND SOURCE TESTING REQUIREMENTS

1. Install, maintain, and operate a totalizing fuel meter or any device approved by the Executive Officer to measure quarterly fuel usage or other applicable variables specified in Rule 2012, Table 2012-1, and Rule 2012, Appendix A, Table 4-A. The sharing of totalizing fuel meters may be allowed by the Executive Officer if the fuel meter serves process units which have the same emission factor or emission rate. The sharing of totalizing meter shall not be allowed for process units which are required to comply with an annual heat input limit. [2012]

#### II. NOx Source Testing and Tune-up conditions

1. The operator shall conduct all required NOx source testing in compliance with an AQMD-approved source test protocol. [2012]
2. The operator shall, as applicable, conduct source tests for every large NOx source no later than December 31, 1996 and every 3 years thereafter. The source test shall include the determination of NOx concentration and a relative accuracy audit of the exhaust stack flow determination (e.g. in-stack flow monitor or fuel flow monitor based F-factor calculation). Such source test results shall be submitted per the schedule described by APEP. In lieu of submitting the first source test report, the facility permit holder may submit the results of a source test not more than 3 years old which meets the requirements when conducted. [2012]
3. All NOx large sources and NOx process units shall be tuned-up in accordance with the schedule specified in Rule 2012, Appendix A, Chapter 5, Table 5-B. [2012]



## FACILITY PERMIT TO OPERATE MILLERCOORS, LLC

### SECTION G: RECORDKEEPING AND REPORTING REQUIREMENTS FOR RECLAIM SOURCES

The Facility shall comply with all applicable reporting and recordkeeping requirements in Regulation XX. These requirements may include but are not limited to the following:

#### I. Recordkeeping Requirements for all RECLAIM Sources

1. The operator shall maintain all monitoring data required to be measured or reported pursuant to Rule 2011 and Rule 2012, whichever is applicable. All records shall be made available to AQMD staff upon request and be maintained for at least:
  - a. Three years after each APEP report is submitted to AQMD for a facility not subject to Title V, unless a different time period is required in Rule 2011 or Rule 2012 [2011 & 2012]; or
  - b. Five years after each APEP report is submitted to AQMD for a facility subject to Title V. [3004(a)(4)(E)]
  - c. Notwithstanding the above, all data gathered or computed for intervals of less than 15 minutes shall only be maintained a minimum of 48 hours. [2011 & 2012]
2. The operator shall store on site and make available to the Executive Officer upon request: records used to determine emissions, maintenance records, sources test reports, relative accuracy test audit reports, relative accuracy audit reports and fuel meter calibration records. [2011 & 2012]

#### II. Reporting Requirements for all RECLAIM Sources

1. The operator shall submit a quarterly certification of emissions including the total facility NOx or SOx emissions, whichever is applicable, for the quarter within 30 days after the end of the first three quarters and 60 days after the end of the fourth quarter of a compliance year. [2004]

#### NOx Reporting Requirements

- A. The Operator of a NOx Major Source, as defined in Rule 2012, shall, as applicable:



## FACILITY PERMIT TO OPERATE MILLERCOORS, LLC

### SECTION G: RECORDKEEPING AND REPORTING REQUIREMENTS FOR RECLAIM SOURCES

1. No later than 12 months after entry into the RECLAIM program or after the initial operation of a new major source, whichever is later, install, maintain, and operate a reporting device to electronically report everyday to the AQMD central station for each major NOx source, the total daily mass emissions of NOx and daily status codes. Such data shall be transmitted by 5:00 p.m. of the following day. If the facility experiences a power, computer, or other system failure that prevents the submittal of the daily report, the Facility Permit holder shall be granted 24 hours extension to submit the report. [2012]
  2. Calculate NOx emissions pursuant to missing data procedures set forth in Appendix A, Chapter 2 of Rule 2012 if the Facility Permit holder fails to meet the deadline for submitting the daily report. [2012]
  3. Submit an electronic report within 15 days following the end of each month totaling NOx emissions from all major NOx sources during the month. [2012]
  4. For those facilities with existing CEMS and fuel meters as of October 15, 1993, continue to follow recording and reporting procedures required by AQMD Rules and Regulations in effect until the CEMS is certified pursuant to Rule 2011 and/or Rule 2012, as applicable. [2012]
- B. The Operator of a NOx Large Source, as defined in Rule 2012, shall:
1. Install, maintain and operate a modem or any reporting device approved by the Executive Officer to report, to the AQMD, the total monthly NOx mass emissions from each large NOx source. The Operator shall comply with this requirement within 12 months of the date of entry to the RECLAIM Program. Such data shall be reported within 15 days after the end of each calendar month. [2012]
- C. The Operator of a NOx Process Unit, as defined in Rule 2012, shall:



**FACILITY PERMIT TO OPERATE  
MILLERCOORS, LLC**

**SECTION G: RECORDKEEPING AND REPORTING REQUIREMENTS FOR  
RECLAIM SOURCES**

1. Electronically report the calculated quarterly NO<sub>x</sub> emissions for each NO<sub>x</sub> process unit. The Operator shall comply with this requirement within 12 months of the date of entry to the RECLAIM Program. [2012]



## FACILITY PERMIT TO OPERATE MILLERCOORS, LLC

### SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
<b>Process 2: INTERNAL COMBUSTION ENGINES</b>					
<b>System 3: GAS TURBINES POWER GENERATION</b>					
CO OXIDATION CATALYST, ENGELHARD, PLATINUM ON ALUMINA SUBSTRATE, WITH 24.8 CUBIC FEET OF TOTAL CATALYST VOLUME A/N: 484117 † Permit to Construct Issued: 02/24/05	C107	D102 D104 C106			
SELECTIVE CATALYTIC REDUCTION, ENGELHARD VNX, 246 CU.FT.; WIDTH: 13 FT 4 IN; HEIGHT: 9 FT 3 IN; LENGTH: 2 FT A/N: 484117 † Permit to Construct Issued: 02/24/05	C106	C107 S112			
CO OXIDATION CATALYST, ENGELHARD, PLATINUM ON ALUMINA SUBSTRATE, WITH 24.8 CUBIC FEET OF TOTAL CATALYST VOLUME A/N: 484117 † Permit to Construct Issued: 02/24/05	C109	D103 D105 C108			
SELECTIVE CATALYTIC REDUCTION, ENGELHARD VNX, 246 CU.FT.; WIDTH: 13 FT 4 IN; HEIGHT: 9 FT 3 IN; LENGTH: 2 FT A/N: 484117 † Permit to Construct Issued: 02/24/05	C108	C109 S113			
<b>Process 4: BEER PRODUCTION</b>					
<b>System 3: BEER MANUFACTURING/TANKS</b>					

\* (1) (1A) (1B) Denotes RECLAIM emission factor  
(2) (2A) (2B) Denotes RECLAIM emission rate  
(3) Denotes RECLAIM concentration limit  
(4) Denotes BACT emission limit  
(5) (5A) (5B) Denotes command and control emission limit  
(6) Denotes air toxic control rule limit  
(7) Denotes NSR applicability limit  
(8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)  
(9) See App B for Emission Limits  
(10) See section J for NESHAP/MACT requirements

\*\* Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.  
† This permit to construct was issued to the previous operator at a prior date. The equipment was constructed and the permit was subsequently transferred to this operator.



## FACILITY PERMIT TO OPERATE MILLERCOORS, LLC

### SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
<b>Process 4: BEER PRODUCTION</b>					
TANK, FERMENTATION, BEER, 7119 BBL; DIAMETER: 30 FT; HEIGHT: 34 FT A/N: 485132 Permit to Construct Issued: 02/05/09	D216	D219			C1.8, E71.4
TANK, FERMENTATION, BEER, 7119 BBL; DIAMETER: 30 FT; HEIGHT: 34 FT A/N: 485132 Permit to Construct Issued: 02/05/09	D217	D219			C1.9, E71.5
<b>System 5: HIGH GRAVITY BEER</b>					
BULK MATERIAL UNLOADING STATION, HIGH GRAVITY BEER, 300,000 GALLONS/DAY A/N: 485128 Permit to Construct Issued: 02/05/09	D218				E71.10
<b>Process 8: WASTEWATER SYSTEM</b>					
<b>System 1: WASTEWATER TREATMENT PLANT</b>					
TANK, HOLDING, SUMP WITH SCREEN, 12000 GALS, WIDTH: 15 FT; HEIGHT: 20 FT; LENGTH: 15 FT A/N: 484141 † Permit to Construct Issued: 05/30/07	D159				
TANK, CALAMITY, 187127 GALS; DIAMETER: 32 FT 8 IN; HEIGHT: 32 FT 8 IN A/N: 484141 † Permit to Construct Issued: 05/30/07	D160	D223			

- \* (1) (1A) (1B) Denotes RECLAIM emission factor
- (2) (2A) (2B) Denotes RECLAIM emission rate
- (3) Denotes RECLAIM concentration limit
- (4) Denotes BACT emission limit
- (5) (5A) (5B) Denotes command and control emission limit
- (6) Denotes air toxic control rule limit
- (7) Denotes NSR applicability limit
- (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
- (9) See App B for Emission Limits
- (10) See section J for NESHAP/MACT requirements

\*\* Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

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## FACILITY PERMIT TO OPERATE MILLERCOORS, LLC

### SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
<b>Process 8: WASTEWATER SYSTEM</b>					
TANK, EQUALIZATION, 618598 GALS; DIAMETER: 59 FT 5 IN; HEIGHT: 32 FT 8 IN A/N: 484141 † Permit to Construct Issued: 05/30/07	D161	D223			
STORAGE TANK, HYDROCHLORIC ACID, 250 GALS; WIDTH: 4 FT ; HEIGHT: 4 FT ; LENGTH: 4 FT A/N: 484141 † Permit to Construct Issued: 05/30/07	D162				
HEAT EXCHANGER, NO. 1 A/N: 484141 † Permit to Construct Issued: 05/30/07	D164				
HEAT EXCHANGER, NO. 2 A/N: 484141 † Permit to Construct Issued: 05/30/07	D165				
TANK, MIXING, 7847 GALS; DIAMETER: 15 FT 4 IN; HEIGHT: 8 FT 6 IN A/N: 484141 † Permit to Construct Issued: 05/30/07	D179	D223			
STORAGE TANK, SODIUM HYDROXIDE, 2500 GALS; DIAMETER: 7 FT 7 IN; HEIGHT: 8 FT A/N: 484141 † Permit to Construct Issued: 05/30/07	D163				
TANK, EFFLUENT, 1150 GALS; DIAMETER: 3 FT ; HEIGHT: 14 FT 10 IN A/N: 484141 † Permit to Construct Issued: 05/30/07	D167	D223			

- \* (1) (1A) (1B) Denotes RECLAIM emission factor
- (3) Denotes RECLAIM concentration limit
- (5) (5A) (5B) Denotes command and control emission limit
- (7) Denotes NSR applicability limit
- (9) See App B for Emission Limits
- (2) (2A) (2B) Denotes RECLAIM emission rate
- (4) Denotes BACT emission limit
- (6) Denotes air toxic control rule limit
- (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
- (10) See section J for NESHAP/MACT requirements

\*\* Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

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## FACILITY PERMIT TO OPERATE MILLERCOORS, LLC

### SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
<b>Process 8: WASTEWATER SYSTEM</b>					
TANK, SLUDGE HOLDING, 59319 GALS; DIAMETER: 21 FT 6 IN; HEIGHT: 24 FT 9 IN A/N: 484141 † Permit to Construct Issued: 05/30/07	D168	D223			
TANK, POST AERATION, 59319 GALS; DIAMETER: 21 FT 6 IN; HEIGHT: 24 FT 9 IN A/N: 484141 † Permit to Construct Issued: 05/30/07	D169	C172 D223			
TANK, EFFLUENT FLUME A/N: 484141 † Permit to Construct Issued: 05/30/07	D170				
HEAT EXCHANGER, NO. 3 A/N: 484141 † Permit to Construct Issued: 05/30/07	D166				
<b>System 2: METHANE REACTOR</b>					
REACTOR, METHANE, HEIGHT: 24 FT 9 IN; DIAMETER: 84 FT 8 IN A/N: 484142 † Permit to Construct Issued: 05/30/07	D171	C172 C174 D223			
<b>System 3: AIR POLLUTION CONTROL</b>					
SCRUBBER, TRAY, SULFUR, MODEL NO. BS400/1, COUNTER-CURRENT, WITH 15 HP EXHAUST BLOWER, HEIGHT: 8 FT ; DIAMETER: 20 FT A/N: 500636 Permit to Construct Issued: 09/15/10	C172	D169 D171 C180			C8.1, C10.1, D12.13
CARBON ADSORBER, THREE 1,000 POUND CANISTERS IN SERIES A/N: 500636 Permit to Construct Issued: 09/15/10	C180	C172 C174 D175 D176			D232.1, E179.3

- \* (1) (1A) (1B) Denotes RECLAIM emission factor (2) (2A) (2B) Denotes RECLAIM emission rate  
(3) Denotes RECLAIM concentration limit (4) Denotes BACT emission limit  
(5) (5A) (5B) Denotes command and control emission limit (6) Denotes air toxic control rule limit  
(7) Denotes NSR applicability limit (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)  
(9) See App B for Emission Limits (10) See section J for NESHAP/MACT requirements

\*\* Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

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## FACILITY PERMIT TO OPERATE MILLERCOORS, LLC

### SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

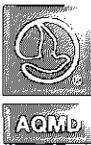
The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
<b>Process 8: WASTEWATER SYSTEM</b>					
FLARE, GROUND FLARE, GWE, MODEL NO. HS666B8XXXXP, AUTO IGNITION, STANDBY/EMERGENCY A/N: 500634 Permit to Construct Issued: 09/15/10	C174	D171 C180	NOX: PROCESS UNIT**	CO: 150 PPMV DIGESTER GAS (3) [RULE 1303(b)(2)-Offset, 5-10-1996]; H2S: 40 PPMV DIGESTER GAS (5) [RULE 431.1, 6-12-1998]; NOX: 14 PPMV DIGESTER GAS (3) [RULE 2005, 4-20-2001]; PM: 0.1 GRAINS/SCF DIGESTER GAS (5) [RULE 409, 8-7-1981]; PM10: 0.37 LBS/HR DIGESTER GAS (5) [RULE 1303(b)(2)-Offset, 5-10-1996]; ROG: 2 PPMV DIGESTER GAS (5) [RULE 1303(b)(2)-Offset, 5-10-1996]	C1.14, C10.2, D12.15, D12.16, D12.17, E71.12, E80.2, K67.10
BLOWER, TWO TOTAL, 15 HP EACH, ONE STANDBY A/N: 498002 Permit to Construct Issued: 01/15/10	D223	D160 D161 D167 D168 D169 D171 D179 C220			
CARBON ADSORBER, TWO CANISTERS IN SERIES, EACH WITH 3000 LB OF KOH IMPREGNATED CARBON A/N: 498002 Permit to Construct Issued: 01/15/10	C220	C222 D223		H2S: 1 PPMV (5) [RULE 402, 5-7-1976]	D90.1, E153.1, K67.7
INJECTOR, HUMIDIFIER A/N: 498002 Permit to Construct Issued: 01/15/10	C222	C173 C220			
BIOFILTER, GWE, MODEL NO. G1500, WIDTH: 7 FT; HEIGHT: 5 FT 4 IN; LENGTH: 21 FT 5 IN A/N: 498002 Permit to Construct Issued: 01/15/10	C173	C222 D224			E202.1

- \* (1) (1A) (1B) Denotes RECLAIM emission factor
- (3) Denotes RECLAIM concentration limit
- (5) (5A) (5B) Denotes command and control emission limit
- (7) Denotes NSR applicability limit
- (9) See App B for Emission Limits
- (2) (2A) (2B) Denotes RECLAIM emission rate
- (4) Denotes BACT emission limit
- (6) Denotes air toxic control rule limit
- (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
- (10) See section J for NESHAP/MACT requirements

\*\* Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

† This permit to construct was issued to the previous operator at a prior date. The equipment was constructed and the permit was subsequently transferred to this operator.



**FACILITY PERMIT TO OPERATE  
MILLERCOORS, LLC**

**SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE**

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
<b>Process 8: WASTEWATER SYSTEM</b>					
BLOWER, TWO TOTAL , 15 HP EACH, ONE STANDBY A/N: 498002 Permit to Construct Issued: 01/15/10	D224	C173 C221			
CARBON ADSORBER , TWO CANISTERS IN SERIES, EACH WITH 3000 LB OF KOH IMPREGNATED CARBON A/N: 498002 Permit to Construct Issued: 01/15/10	C221	D224		H2S: 1 PPMV (5) [RULE 402, 5-7-1976]	D90.1, E153.1, K67.7
<b>System 4: ELECTRICAL GENERATION</b>					

\* (1) (1A) (1B) Denotes RECLAIM emission factor  
(2) (2A) (2B) Denotes RECLAIM emission rate  
(3) Denotes RECLAIM concentration limit  
(4) Denotes BACT emission limit  
(5) (5A) (5B) Denotes command and control emission limit  
(6) Denotes air toxic control rule limit  
(7) Denotes NSR applicability limit  
(8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)  
(9) See App B for Emission Limits  
(10) See section J for NESHAP/MACT requirements

\*\* Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.  
† This permit to construct was issued to the previous operator at a prior date. The equipment was constructed and the permit was subsequently transferred to this operator.



## FACILITY PERMIT TO OPERATE MILLERCOORS, LLC

### SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
<b>Process 8: WASTEWATER SYSTEM</b>					
INTERNAL COMBUSTION ENGINE, LEAN BURN, DIGESTER GAS, GE, MODEL JGE312GS-BL, 881 HP WITH A/N: 514967 Permit to Construct Issued: 02/03/11	D175	C180	NOX: LARGE SOURCE**	CO: 2.5 GRAM/BHP-HR DIGESTER GAS (4) [RULE 1303(a)(1)-BACT, 12-6-2002]; CO: 2000 PPMV DIGESTER GAS (5) [RULE 1110.2, 7-9-2010]; NOX: 0.6 GRAM/BHP-HR DIGESTER GAS (4) [RULE 2005, 4-20-2001; RULE 2005, 6-3-2011]; PM10: 0.07 GRAM/BHP-HR DIGESTER GAS (5) [RULE 1303(b)(2) -Offset, 5-10-1996]; ROG: 0.2 GRAM/BHP-HR DIGESTER GAS (4) [RULE 1303(a)(1) -BACT, 5-10-1996]; ROG: 250 PPMV DIGESTER GAS (5) [RULE 1110.2, 7-9-2010]	D12.7, D28.4, D323.2, E262.1, H23.6, K40.2, K171.2
CO OXIDATION CATALYST, MIRATECH, 20 INCHES DIAMETER, 37 INCHES LENGTH	C225				
GENERATOR, STAMFORD, MODEL NO. HCI 634 H2, 630 KW	D177				

- \* (1) (1A) (1B) Denotes RECLAIM emission factor
- (3) Denotes RECLAIM concentration limit
- (5) (5A) (5B) Denotes command and control emission limit
- (7) Denotes NSR applicability limit
- (9) See App B for Emission Limits
- (2) (2A) (2B) Denotes RECLAIM emission rate
- (4) Denotes BACT emission limit
- (6) Denotes air toxic control rule limit
- (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
- (10) See section J for NESHAP/MACT requirements

\*\* Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

† This permit to construct was issued to the previous operator at a prior date. The equipment was constructed and the permit was subsequently transferred to this operator.



## FACILITY PERMIT TO OPERATE MILLERCOORS, LLC

### SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
<b>Process 8: WASTEWATER SYSTEM</b>					
INTERNAL COMBUSTION ENGINE, LEAN BURN, DIGESTER GAS, GE, MODEL JGE312GS-BL, 881 HP WITH A/N: 514968 Permit to Construct Issued: 02/03/11	D176	C180	NOX: LARGE SOURCE**	CO: 2.5 GRAM/BHP-HR DIGESTER GAS (4) [RULE 1303(a)(1)-BACT, 5-10-1996]; CO: 2000 PPMV DIGESTER GAS (5) [RULE 1110.2, 7-9-2010]; NOX: 0.6 GRAM/BHP-HR DIGESTER GAS (4) [RULE 2005, 4-20-2001; RULE 2005, 6-3-2011]; PM10: 0.07 GRAM/BHP-HR DIGESTER GAS (5) [RULE 1303(b)(2) -Offset, 5-10-1996]; ROG: 0.2 GRAM/BHP-HR DIGESTER GAS (4) [RULE 1303(a)(1) -BACT, 5-10-1996]; ROG: 250 PPMV DIGESTER GAS (5) [RULE 1110.2, 7-9-2010]	D12.7, D28.4, D323.2, E262.1, H23.6, K40.2, K171.2
CO OXIDATION CATALYST, MIRATECH, 20 INCHES DIAMETER, 37 INCHES LENGTH	C226				
GENERATOR, STAMFORD, MODEL NO. HCl 634 H2, 630 KW	D178				
<b>Process 9: FLAVORED MALT BEVERAGE LINE</b>					
<b>System I: BULK UNLOADING</b>					
BULK MATERIAL UNLOADING STATION, ETHANOL A/N: 484148 † Permit to Construct Issued: 02/05/08	D181				E71.3

- \* (1) (1A) (1B) Denotes RECLAIM emission factor
- (3) Denotes RECLAIM concentration limit
- (5) (5A) (5B) Denotes command and control emission limit
- (7) Denotes NSR applicability limit
- (9) See App B for Emission Limits
- (2) (2A) (2B) Denotes RECLAIM emission rate
- (4) Denotes BACT emission limit
- (6) Denotes air toxic control rule limit
- (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
- (10) See section J for NESHAP/MACT requirements

\*\* Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

† This permit to construct was issued to the previous operator at a prior date. The equipment was constructed and the permit was subsequently transferred to this operator.



## FACILITY PERMIT TO OPERATE MILLERCOORS, LLC

### SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
<b>Process 9: FLAVORED MALT BEVERAGE LINE</b>					
VAPOR RETURN LINE, VAPOR BALANCE SYSTEM A/N: 484149 † Permit to Construct Issued: 02/05/08	C184				
BULK MATERIAL UNLOADING STATION, ACTIVATED CARBON AND SOY A/N: 484156 † Permit to Construct Issued: 03/20/08	D198	C199		PM10: (9) [RULE 404, 2-7-1986]	C1.6, C1.7, D323.4
BAGHOUSE, HORIZON SYSTEMS, INC., MODEL 58RFT7, WITH 1.5 HP BLOWER, 47 SQ.FT.; 7 BAGS A/N: 484158 † Permit to Construct Issued: 03/20/08	C199	D198			D322.2, D381.2, E102.2, K67.9
<b>System 3: FLAVORED BEVERAGE BLENDING SYSTEM</b>					
BLENDER, CUT, A/N: 484155 † Permit to Construct Issued: 02/05/08	D185				
TANK, BUFFER, ETHANOL, 219 EXEMPT † Permit to Construct Issued: 02/05/08	E186				
BULK MATERIAL UNLOADING STATION, HIGH FRUCTOSE CORN SYRUP, 219 EXEMPT † Permit to Construct Issued: 02/05/08	E187				
TANK, STORAGE, HIGH FRUCTOSE CORN SYRUP, JACKETED, STEAM HEATED, 219 EXEMPT † Permit to Construct Issued: 02/05/08	E188				
BLENDER, CONTINUOUS SYSTEM A/N: 484155 † Permit to Construct Issued: 02/05/08	D189				

- \* (1) (1A) (1B) Denotes RECLAIM emission factor
- (3) Denotes RECLAIM concentration limit
- (5) (5A) (5B) Denotes command and control emission limit
- (7) Denotes NSR applicability limit
- (9) See App B for Emission Limits
- (2) (2A) (2B) Denotes RECLAIM emission rate
- (4) Denotes BACT emission limit
- (6) Denotes air toxic control rule limit
- (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
- (10) See section J for NESHAP/MACT requirements

\*\* Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.  
† This permit to construct was issued to the previous operator at a prior date. The equipment was constructed and the permit was subsequently transferred to this operator.



**FACILITY PERMIT TO OPERATE  
MILLERCOORS, LLC**

**SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE**

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
<b>Process 9: FLAVORED MALT BEVERAGE LINE</b>					
BLENDER, DRY INGREDIENTS, 250 GALLONS, 219 EXEMPT † Permit to Construct Issued: 02/05/08	E190				
TANK, SURGE, THREE TOTAL, 1440 GALLONS EACH, 219 EXEMPT † Permit to Construct Issued: 02/05/08	E191				
COOLER, 219 EXEMPT † Permit to Construct Issued: 02/05/08	E192				
INJECTOR, CO2 CARBINATION UNIT, 219 EXEMPT † Permit to Construct Issued: 02/05/08	E193				
TANK, SURGE, 250 BARREL CAPACITY A/N: 484155 † Permit to Construct Issued: 02/05/08	D194				
MIXING STATION, FLAVORED MALT BEVERAGE FILLING STATION, 219 EXEMPT † Permit to Construct Issued: 02/05/08	E197				

- \* (1) (1A) (1B) Denotes RECLAIM emission factor
- (3) Denotes RECLAIM concentration limit
- (5) (5A) (5B) Denotes command and control emission limit
- (7) Denotes NSR applicability limit
- (9) See App B for Emission Limits
- (2) (2A) (2B) Denotes RECLAIM emission rate
- (4) Denotes BACT emission limit
- (6) Denotes air toxic control rule limit
- (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
- (10) See section J for NESHAP/MACT requirements

\*\* Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

† This permit to construct was issued to the previous operator at a prior date. The equipment was constructed and the permit was subsequently transferred to this operator.



**FACILITY PERMIT TO OPERATE  
MILLERCOORS, LLC**

**SECTION H: DEVICE ID INDEX**

**The following sub-section provides an index  
to the devices that make up the facility  
description sorted by device ID.**



**FACILITY PERMIT TO OPERATE  
MILLERCOORS, LLC**

**SECTION H: DEVICE ID INDEX**

Device Index For Section H			
Device ID	Section H Page No.	Process	System
C106	1	2	3
C107	1	2	3
C108	1	2	3
C109	1	2	3
D159	2	8	1
D160	2	8	1
D161	3	8	1
D162	3	8	1
D163	3	8	1
D164	3	8	1
D165	3	8	1
D166	4	8	1
D167	3	8	1
D168	4	8	1
D169	4	8	1
D170	4	8	1
D171	4	8	2
C172	4	8	3
C173	5	8	3
C174	5	8	3
D175	7	8	4
D176	8	8	4
D177	7	8	4
D178	8	8	4
D179	3	8	1
C180	4	8	3
D181	8	9	1
C184	9	9	1
D185	9	9	3
E186	9	9	3
E187	9	9	3
E188	9	9	3
D189	9	9	3
E190	10	9	3



**FACILITY PERMIT TO OPERATE  
MILLERCOORS, LLC**

**SECTION H: DEVICE ID INDEX**

<b>Device Index For Section H</b>			
<b>Device ID</b>	<b>Section H Page No.</b>	<b>Process</b>	<b>System</b>
E191	10	9	3
E192	10	9	3
E193	10	9	3
D194	10	9	3
E197	10	9	3
D198	9	9	1
C199	9	9	1
D216	2	4	3
D217	2	4	3
D218	2	4	5
C220	5	8	3
C221	6	8	3
C222	5	8	3
D223	5	8	3
D224	6	8	3
C225	7	8	4
C226	8	8	4



## FACILITY PERMIT TO OPERATE MILLERCOORS, LLC

### SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

#### FACILITY CONDITIONS

F14.1 The operator shall not purchase diesel fuel containing sulfur compounds in excess of 15 ppm by weight as supplied by the supplier.

This condition shall become effective on or after June 1, 2004.

As of January 1, 2006, the operator shall only use diesel fuel with a sulfur content that does not exceed 15 ppm by weight, unless the operator demonstrates in writing to the Executive Officer that specific additional time is necessary.

The .05 percent sulfur limit shall not apply to existing supplies of any liquid fuel in storage as of October 1, 1993 until such supply is exhausted.

[RULE 431.2, 5-4-1990; RULE 431.2, 9-15-2000]

F24.1 Accidental release prevention requirements of Section 112(r)(7):

a). The operator shall comply with the accidental release prevention requirements pursuant to 40 CFR Part 68 and shall submit to the Executive Officer, as a part of an annual compliance certification, a statement that certifies compliance with all of the requirements of 40 CFR Part 68, including the registration and submission of a risk management plan (RMP).

b). The operator shall submit any additional relevant information requested by the Executive Officer or designated agency.

[40CFR 68 - Accidental Release Prevention, 5-24-1996]

#### PROCESS CONDITIONS



## FACILITY PERMIT TO OPERATE MILLERCOORS, LLC

### SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

#### The operator shall comply with the terms and conditions set forth below:

P28.1 Except for diesel transfers, Phase I vapor recovery systems shall be in full operation whenever fuel is being transferred into storage tanks.

Except for diesel transfers, Phase II vapor recovery systems shall be in full operation whenever fuel is being transferred into motor vehicles, as defined in Rule 461.

All Phase I and Phase II vapor recovery equipment at this facility shall be installed, operated and maintained to meet all California Air Resources Board certification requirements.

[RULE 461, 9-8-1995; RULE 461, 4-21-2000]

[Processes subject to this condition : 3]

#### DEVICE CONDITIONS

##### C. Throughput or Operating Parameter Limits

C1.6 The operator shall limit the throughput to no more than 32400 lb(s) in any one day.

For the purpose of this condition, material processed shall be defined as activated carbon.

[RULE 1303(b)(2)-Offset, 5-10-1996]

[Devices subject to this condition : D198]

C1.7 The operator shall limit the throughput to no more than 4500 lb(s) in any one day.

For the purpose of this condition, material processed shall be defined as soy.

[RULE 1303(b)(2)-Offset, 5-10-1996]

[Devices subject to this condition : D198]



## FACILITY PERMIT TO OPERATE MILLERCOORS, LLC

### SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

**The operator shall comply with the terms and conditions set forth below:**

C1.8 The operator shall limit the material processed to no more than 20,834 barrel(s) in any one month.

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D216]

C1.9 The operator shall limit the material processed to no more than 20,834 barrel(s) in any one month.

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D217]

C1.14 The operator shall limit the operating time to no more than 52 hour(s) in any one month.

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : C174]

C8.1 The operator shall use this equipment in such a manner that the flow rate being monitored, as indicated below, is not less than 745 gpm.

To comply with this condition, the operator shall monitor the flow rate as specified in condition number 12-13.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]

[Devices subject to this condition : C172]

C10.1 The operator shall use this equipment in such a manner that the pH being monitored, as indicated below, is maintained between 7 and 8 of the pH scale.

To comply with this condition, the operator shall install and maintain a(n) continuous monitoring system to accurately indicate the pH of the scrubbing solution.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]



## FACILITY PERMIT TO OPERATE MILLERCOORS, LLC

### SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

**The operator shall comply with the terms and conditions set forth below:**

[Devices subject to this condition : C172]

C10.2 The operator shall use this equipment in such a manner that the temperature being monitored, as indicated below, is maintained between 1400 and 1500 Deg F.

To comply with this condition, the operator shall install and maintain a(n) continuous monitoring system to accurately indicate the temperature in the combustion chamber.

The operator shall maintain records in a manner approved by the District, to demonstrate compliance with this condition.

This condition shall only apply when the biogas is being vented to the flare from the methan reactor because D175 and/or D176 are in a non-operational status..

[RULE 1303(b)(5)(A), 5-10-1996; RULE 1303(b)(5)(A), 12-6-2002]

[Devices subject to this condition : C174]

#### **D. Monitoring/Testing Requirements**

D12.7 The operator shall install and maintain a(n) non-resettable elapsed time meter to accurately indicate the elapsed operating time of the engine.

[RULE 1110.2, 7-9-2010; RULE 1304(a)-Modeling and Offset Exemption, 6-14-1996;  
RULE 2005, 5-6-2005; RULE 2005, 6-3-2011]

[Devices subject to this condition : D175, D176]

D12.13 The operator shall install and maintain a(n) flow meter to accurately indicate the flow rate of the recirculation line.

[RULE 1303(b)(2)-Offset, 5-10-1996]

[Devices subject to this condition : C172]



## FACILITY PERMIT TO OPERATE MILLERCOORS, LLC

### SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

**The operator shall comply with the terms and conditions set forth below:**

D12.15 The operator shall install and maintain a(n) differential pressure gauge to accurately indicate the differential pressure across the flame arrestor.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]

[Devices subject to this condition : C174]

D12.16 The operator shall install and maintain a(n) temperature gauge to accurately indicate the temperature in the flare stack located at least .6 seconds downstream of the burner and not less than five feet from the top of the stack.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]

[Devices subject to this condition : C174]

D12.17 The operator shall install and maintain a(n) non-resettable elapsed time meter to accurately indicate the elapsed operating time of the flare.

[RULE 2005, 5-6-2005; RULE 2005, 6-3-2011]

[Devices subject to this condition : C174]

D28.4 The operator shall conduct source test(s) in accordance with the following specifications:



## FACILITY PERMIT TO OPERATE MILLERCOORS, LLC

### SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

**The operator shall comply with the terms and conditions set forth below:**

The test shall be conducted to determine the SO<sub>2</sub> emissions at the outlet using District method 307-91 measured over a 4 hour averaging time period.

The test shall be conducted to determine the CO emissions at the outlet using District method 100.1 measured over a 15 minute averaging time period.

The test shall be conducted to determine the VOC emissions at the outlet using District method 25 or 25.1 measured over a 15 minute averaging time period.

The test shall be conducted NO<sub>x</sub> emission using District method 100.1 measured over a 15 minute averaging time period.

The test shall be conducted within 60 days after achieving maximum production rate, but no later than 120 days after initial start-up.

The District shall be notified of the date and time of the test at least 10 days prior to the test.

[RULE 1110.2, 7-9-2010; **RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997**]

[Devices subject to this condition : D175, D176]

D90.1 The operator shall periodically monitor the H<sub>2</sub>S concentration at the outlet of the first carbon canister (first carbon canister is the upstream canister) according to the following specifications:

The operator shall use draeger tube to monitor the parameter.

The operator shall monitor once every day.

The operator shall use this equipment in such a manner that the H<sub>2</sub>S being monitored (as indicated above) is less 1.0 ppm at the outlet of the first carbon canister

[**RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997**]

[Devices subject to this condition : C220, C221]



## FACILITY PERMIT TO OPERATE MILLERCOORS, LLC

### SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

**The operator shall comply with the terms and conditions set forth below:**

D232.1 The operator shall install and maintain a continuous emission monitoring device to accurately indicate the H<sub>2</sub>S concentration at the outlet of the No. 2 carbon canister.

Once there is breakthrough from the exit of the No. 2 carbon canister, the Biogas stream shall be directed to the inlet of the No. 3 canister. The No. 1 and No. 2 carbon canister shall be replaced with new carbon canisters within 24 hours after breakthrough has been detected from Canister No. 2. After breakthrough is detected from Canister No. 2, Canister No. 3 shall become Canister No. 1 and the two new canisters shall be placed in the No. 2 and No. 3 position.

**[RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]**

[Devices subject to this condition : C180]

D322.2 The operator shall perform annual inspection of the equipment and filter media for leaks, broken or torn filter media, and improperly installed filter media.

**[RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]**

[Devices subject to this condition : C199]



## FACILITY PERMIT TO OPERATE MILLERCOORS, LLC

### SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

**The operator shall comply with the terms and conditions set forth below:**

D323.2 The operator shall conduct an inspection for visible emissions from all stacks and other emission points of this equipment whenever there is a public complaint of visible emissions, whenever visible emissions are observed, and on a semi-annual basis, at least, unless the equipment did not operate during the entire semi-annual period. The routine semi-annual inspection shall be conducted while the equipment is in operation and during daylight hours.

If any visible emissions (not including condensed water vapor) are detected that last more than three minutes in any one hour, the operator shall verify and certify within 24 hours that the equipment causing the emission and any associated air pollution control equipment are operating normally according to their design and standard procedures and under the same conditions under which compliance was achieved in the past, and either:

- 1). Take corrective action(s) that eliminates the visible emissions within 24 hours and report the visible emissions as a potential deviation in accordance with the reporting requirements in Section K of this permit; or
- 2). Have a CARB-certified smoke reader determine compliance with the opacity standard, using EPA Method 9 or the procedures in the CARB manual "Visible Emission Evaluation", within three business days and report any deviations to AQMD.  
In addition, the operator shall have a CARB-certified smoke reader determine compliance with the opacity standard, using EPA Method 9 or the procedures in the CARB manual "Visible Emission Evaluation", within 72 hours of conversion to fuel oil firing and on a weekly basis thereafter, until the equipment stops firing fuel oil.

The operator shall keep the records in accordance with the recordkeeping requirements in Section K of this permit and the following records:

- 1). Stack or emission point identification;
- 2). Description of any corrective actions taken to abate visible emissions;
- 3). Date and time visible emission was abated; and



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**FACILITY PERMIT TO OPERATE  
MILLERCOORS, LLC**

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**SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE**

**The operator shall comply with the terms and conditions set forth below:**

- 4). All visible emission observation records by operator or a certified smoke reader.

**[RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]**

[Devices subject to this condition : D175, D176]



## FACILITY PERMIT TO OPERATE MILLERCOORS, LLC

### SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

**The operator shall comply with the terms and conditions set forth below:**

D323.4 The operator shall conduct an inspection for visible emissions from all stacks and other emission points of this equipment whenever there is a public complaint of visible emissions, whenever visible emissions are observed, and on an annual basis, at least, unless the equipment did not operate during the entire annual period. The routine annual inspection shall be conducted while the equipment is in operation and during daylight hours.

If any visible emissions (not including condensed water vapor) are detected that last more than three minutes in any one hour, the operator shall verify and certify within 24 hours that the equipment causing the emission and any associated air pollution control equipment are operating normally according to their design and standard procedures and under the same conditions under which compliance was achieved in the past, and either:

- 1). Take corrective action(s) that eliminates the visible emissions within 24 hours and report the visible emissions as a potential deviation in accordance with the reporting requirements in Section K of this permit; or
- 2). Have a CARB-certified smoke reader determine compliance with the opacity standard, using EPA Method 9 or the procedures in the CARB manual "Visible Emission Evaluation", within three business days and report any deviations to AQMD.

The operator shall keep the records in accordance with the recordkeeping requirements in Section K of this permit and the following records:

- 1). Stack or emission point identification;
- 2). Description of any corrective actions taken to abate visible emissions;
- 3). Date and time visible emission was abated; and
- 4). All visible emission observation records by operator or a certified smoke reader.

[RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]



## FACILITY PERMIT TO OPERATE MILLERCOORS, LLC

### SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

**The operator shall comply with the terms and conditions set forth below:**

[Devices subject to this condition : D198]

D381.2 The operator shall conduct an inspection for visible emissions from all stacks and other emission points of this equipment whenever there is a public complaint of visible emissions, whenever visible emissions are observed, and on an annual basis, at least, unless the equipment did not operate during the entire annual period. The routine annual inspection shall be conducted while the equipment is in operation and during daylight hours. If any visible emissions (not including condensed water vapor) are detected, the operator shall take corrective action(s) that eliminates the visible emissions within 24 hours and report the visible emissions as a potential deviation in accordance with the reporting requirements in Section K of this permit.

The operator shall keep the records in accordance with the recordkeeping requirements in Section K of this permit and the following records:

- 1). Stack or emission point identification;
- 2). Description of any corrective actions taken to abate visible emissions; and
- 3). Date and time visible emission was abated.

**[RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]**

[Devices subject to this condition : C199]

#### **E. Equipment Operation/Construction Requirements**

E71.3 The operator shall not use this equipment unless the vapor balance system is connected from the tanker truck and storage tank during filling..

**[RULE 1303(a)(1)-BACT, 5-10-1996]**

[Devices subject to this condition : D181]



## FACILITY PERMIT TO OPERATE MILLERCOORS, LLC

### SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

**The operator shall comply with the terms and conditions set forth below:**

E71.4 The operator shall only vent this equipment to the CO<sub>2</sub> recovery system. Venting to CO<sub>2</sub> recovery system during the first 24 hours of fermentation is optional..

[**RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002**]

[Devices subject to this condition : D216]

E71.5 The operator shall only vent this equipment to the CO<sub>2</sub> recovery system. Venting to CO<sub>2</sub> recovery system during the first 24 hours of fermentation is optional..

[**RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002**]

[Devices subject to this condition : D217]

E71.10 The operator shall only transfer material from this equipment to pressurized tanks.

[**RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002**]

[Devices subject to this condition : D218]

E71.12 The operator shall not flare digester gas in this equipment unless the total sulfur content of the digester gas is less than 40 ppm measured as H<sub>2</sub>S, except during failure of the sulfur removal equipment or digester tank upset conditions. The flaring shall be limited to the digester gas in the tank and no further gas shall be generated until the sulfur removal system is fully functional and operating.

[**RULE 431.1, 6-12-1998**]

[Devices subject to this condition : C174]

E80.2 The operator shall not use this equipment when all of the following equipment are operating:



**FACILITY PERMIT TO OPERATE  
MILLERCOORS, LLC**

**SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE**

**The operator shall comply with the terms and conditions set forth below:**

Device ID: D176 [internal combustion engine]

Device ID: D175 [internal combustion engine]

[**RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002**]

[Devices subject to this condition : C174]

E102.2 The operator shall discharge dust collected in this equipment only into closed containers.

[**RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997**]

[Devices subject to this condition : C199]

E153.1 The operator shall change over the carbon in the adsorber whenever breakthrough occurs.

For the purpose of this condition, breakthrough shall be defined as when H<sub>2</sub>S monitoring indicates a concentration of no more than 1.0 ppm at the outlet of the first carbon canister.

To change over the carbon, the operator shall replace the first carbon canister with a fresh carbon canister. After the new carbon canister is installed, it shall become the last carbon canister in series. The previous sequencing of the remaining carbon canisters shall remain the same.

[**RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002**]

[Devices subject to this condition : C220, C221]

E179.3 For the purpose of the following condition number(s), breakthrough shall be defined as H<sub>2</sub>S concentration at the outlet of the No. 2 carbon to be 1.0 ppm or greater, as measured by the H<sub>2</sub>S continuous emission monitoring device..

Condition Number D 232- 1



## FACILITY PERMIT TO OPERATE MILLERCOORS, LLC

### SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

**The operator shall comply with the terms and conditions set forth below:**

[RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : C180]

E202.1 The operator shall clean and maintain this equipment according to the following specifications:

in accordance to manufacturer specification for humidity and nutrient

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]

[Devices subject to this condition : C173]

E262.1 The operator shall, in addition to the requirement(s) of condition(s) listed below, include the item(s) listed below.

Condition Number D 28- 4

The operator shall submit a source test protocol 60 days prior to the source test.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]

[Devices subject to this condition : D175, D176]

#### **H. Applicable Rules**

H23.6 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant

VOC District Rule 1110.2

CO District Rule 1110.2

[RULE 1110.2, 7-9-2010]

[Devices subject to this condition : D175, D176]



## FACILITY PERMIT TO OPERATE MILLERCOORS, LLC

### SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

#### K. Record Keeping/Reporting

K40.2 The operator shall provide to the District a source test report in accordance with the following specifications:

Source test results shall be submitted to the District no later than 60 days after the source test was conducted.

Emission data shall be expressed in terms of concentration (ppmv) corrected to 15 percent oxygen (dry basis), mass rate (gram/bhp-hr). In addition, solid PM emissions, if required to be tested, shall also be reported in terms of grains per DSCF.

All exhaust flow rate shall be expressed in terms of dry standard cubic feet per minute (DSCFM) and dry actual cubic feet per minute (DACFM).

All moisture concentration shall be expressed in terms of percent corrected to 15 percent oxygen.

Source test results shall also include the operating conditions of the basic equipment under which the test was conducted.

[**RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002**]

[Devices subject to this condition : D175, D176]

K67.7 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

Daily H<sub>2</sub>S concentration by Draeger Tube or equivalent

carbon replacement dates

[**RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997**]

[Devices subject to this condition : C220, C221]



**FACILITY PERMIT TO OPERATE  
MILLERCOORS, LLC**

**SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE**

**The operator shall comply with the terms and conditions set forth below:**

K67.9 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

The name of the person performing the inspection and/or maintenance of the dust collector

The date, time and results of the inspection

The date, time and description of any maintenance or repairs resulting from the inspection

**[RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]**

[Devices subject to this condition : C199]

K67.10 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

Operating hours for each flaring event and the reasons leading to flaring.

**[RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]**

[Devices subject to this condition : C174]

K171.2 The operator shall notify the District if any of the following situations occur:

A breakdown or shutdown of the IC engine which causes the biogas to be diverted to the Flare.

The notification shall be submitted as specified in Rule 430.

**[RULE 430, 7-12-1996]**

[Devices subject to this condition : D175, D176]



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**FACILITY PERMIT TO OPERATE  
MILLERCOORS, LLC**

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**SECTION I: PLANS AND SCHEDULES**

This section lists all plans approved by AQMD for the purposes of meeting the requirements of applicable AQMD rules.

NONE

NOTE: This section does not list compliance schedules pursuant to the requirements of Regulation XXX - Title V Permits; Rule 3004(a)(10)(C). For equipment subject to a variance, order for abatement, or alternative operating condition granted pursuant to Rule 518.2, equipment specific conditions are added to the equipment in Section D or H of the permit.



AQMD

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT  
21865 Copley Drive, Diamond Bar, CA 91765

Section J	Page: 1
Facility ID:	155877
Revision #:	1
Date:	October 28, 2011

**FACILITY PERMIT TO OPERATE  
MILLERCOORS, LLC**

**SECTION J: AIR TOXICS**

**NOT APPLICABLE**



## FACILITY PERMIT TO OPERATE MILLERCOORS, LLC

### SECTION K: TITLE V Administration

#### GENERAL PROVISIONS

1. This permit may be revised, revoked, reopened and reissued, or terminated for cause, or for failure to comply with regulatory requirements, permit terms, or conditions. [3004(a)(7)(C)]
2. This permit does not convey any property rights of any sort or any exclusive privilege. [3004(a)(7)(E)]

#### Permit Renewal and Expiration

3. (A) Except for solid waste incineration facilities subject to standards under section 129(e) of the Clean Air Act, this permit shall expire five years from the date that this Title V permit is issued. The operator's right to operate under this permit terminates at midnight on this date, unless the facility is protected by an application shield in accordance with Rule 3002(b), due to the filing of a timely and complete application for a Title V permit renewal, consistent with Rule 3003. [3004(a)(2), 3004(f)]  
  
(B) A Title V permit for a solid waste incineration facility combusting municipal waste subject to standards under Section 129(e) of the Clean Air Act shall expire 12 years from the date of issuance unless such permit has been renewed pursuant to this regulation. These permits shall be reviewed by the Executive Officer at least every five years from the date of issuance. [3004(f)(2)]
4. To renew this permit, the operator shall submit to the Executive Officer an application for renewal at least 180 days, but not more than 545 days, prior to the expiration date of this permit. [3003(a)(6)]

#### Duty to Provide Information

5. The applicant for, or holder of, a Title V permit shall furnish, pursuant to Rule 3002(d) and (e), timely information and records to the Executive Officer or designee within a reasonable time as specified in writing by the Executive Officer or designee. [3004(a)(7)(F)]

#### Payment of Fees

6. The operator shall pay all required fees specified in Regulation III - Fees. [3004(a)(7)(G)]



## FACILITY PERMIT TO OPERATE MILLERCOORS, LLC

### SECTION K: TITLE V Administration

#### Reopening for Cause

7. The Executive Officer will reopen and revise this permit if any of the following circumstances occur:
- (A) Additional regulatory requirements become applicable with a remaining permit term of three or more years. Reopening is not required if the effective date of the requirement is later than the expiration date of this permit, unless the permit or any of its terms and conditions has been extended pursuant to paragraph (f)(4) of Rule 3004.
  - (B) The Executive Officer or EPA Administrator determines that this permit contains a material mistake or that inaccurate statements were made in establishing the emissions standards or other terms or conditions of this permit.
  - (C) The Executive Officer or EPA Administrator determines that the permit must be revised or revoked to assure compliance with the applicable requirements. [3005(g)(1)]

#### COMPLIANCE PROVISIONS

8. The operator shall comply with all regulatory requirements, and all permit terms and conditions, except:
- (A) As provided for by the emergency provisions of condition no. 17 or condition no. 18, or
  - (B) As provided by an alternative operating condition granted pursuant to a federally approved (SIP-approved) Rule 518.2.

Any non-compliance with any federally enforceable permit condition constitutes a violation of the Federal Clean Air Act and is grounds for enforcement action; for permit termination, revocation and reissuance, or revision; or denial of a permit renewal application. Non-compliance may also be grounds for civil or criminal penalties under the California State Health and Safety Code. [3004(a)(7)(A)]



## FACILITY PERMIT TO OPERATE MILLERCOORS, LLC

### SECTION K: TITLE V Administration

9. The operator shall allow the Executive Officer or authorized representative, upon presentation of appropriate credentials to:
  - (A) Enter the operator's premises where emission-related activities are conducted, or records are kept under the conditions of this permit;
  - (B) Have access to and copy, at reasonable times, any records that must be kept under the conditions of the permit;
  - (C) Inspect at reasonable times, any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under the permit; and
  - (D) Sample or monitor at reasonable times, substances or parameters for the purpose of assuring compliance with the facility permit or regulatory requirements. [3004(a)(10)(B)]
  
10. All terms and conditions in this permit, including any provisions designed to limit a facility's potential to emit, are enforceable by the EPA Administrator and citizens under the federal Clean Air Act, unless the term or condition is designated as not federally enforceable. Each day during any portion of which a violation occurs is a separate offense. [3004(g)]
  
11. A challenge to any permit condition or requirement raised by EPA, the operator, or any other person, shall not invalidate or otherwise affect the remaining portions of this permit. [3007(b)]
  
12. The filing of any application for a permit revision, revocation, or termination, or a notification of planned changes or anticipated non-compliance does not stay any permit condition. [3004(a)(7)(D)]
  
13. It shall not be a defense for a person in an enforcement action, including those listed in Rule 3002(c)(2), that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit, except as provided for in "Emergency Provisions" of this section. [3004(a)(7)(H)]



## FACILITY PERMIT TO OPERATE MILLERCOORS, LLC

### SECTION K: TITLE V Administration

14. The operator shall not build, erect, install, or use any equipment, the use of which, without resulting in a reduction in the total release of air contaminants to atmosphere, reduces or conceals an emission which would otherwise constitute a violation of Chapter 3 (commencing with Section 41700) of Part 4, of Division 26 of the California Health and Safety Code or of AQMD rules. This rule shall not apply to cases in which the only violation involved is of Section 41700 of the California Health and Safety Code, or Rule 402 of AQMD Rules. [408]
15. Nothing in this permit or in any permit shield can alter or affect:
- (A) Under Section 303 of the federal Clean Air Act, the provisions for emergency orders;
  - (B) The liability of the operator for any violation of applicable requirements prior to or at the time of permit issuance;
  - (C) The applicable requirements of the Acid Rain Program, Regulation XXXI;
  - (D) The ability of EPA to obtain information from the operator pursuant to Section 114 of the federal Clean Air Act;
  - (E) The applicability of state or local requirements that are not "applicable requirements", as defined in Rule 3000, at the time of permit issuance but which do apply to the facility, such as toxics requirements unique to the State; and
  - (F) The applicability of regulatory requirements with compliance dates after the permit issuance date. [3004(c)(3)]
16. For any portable equipment that requires an AQMD or state permit or registration, excluding a) portable engines, b) military tactical support equipment and c) AQMD-permitted portable equipment that are not a major source, are not located at the facility for more than 12 consecutive months after commencing operation, and whose operation does not conflict with the terms or conditions of this Title V permit: 1) the facility operator shall keep a copy of the AQMD or state permit or registration; 2) the equipment operator shall comply with the conditions on the permit or registration and all other regulatory requirements; and 3) the facility operator shall treat the permit or registration as a part of its Title V permit, subject to recordkeeping, reporting and certification requirements. [3004(a)(1)]



## FACILITY PERMIT TO OPERATE MILLERCOORS, LLC

### SECTION K: TITLE V Administration EMERGENCY PROVISIONS

17. An emergency<sup>1</sup> constitutes an affirmative defense to an action brought for noncompliance with a technology-based emission limit only if:
- (A) Properly signed, contemporaneous operating records or other credible evidence demonstrate that:
    - (1) An emergency occurred and the operator can identify the cause(s) of the emergency;
    - (2) The facility was operated properly (i.e. operated and maintained in accordance with the manufacturer's specifications, and in compliance with all regulatory requirements or a compliance plan), before the emergency occurred;
    - (3) The operator took all reasonable steps to minimize levels of emissions that exceeded emissions standard, or other requirements in the permit; and,
    - (4) The operator submitted a written notice of the emergency to the AQMD within two working days of the time when the emissions limitations were exceeded due to the emergency. The notice shall contain a description of the emergency, any steps taken to mitigate emissions, and corrective actions taken; and
  - (B) The operator complies with the breakdown provisions of Rule 430 – Breakdown Provisions, or subdivision (i) of Rule 2004 – Requirements, whichever is applicable. [3002(g), 430, 2004(i)]
18. The operator is excused from complying with any regulatory requirement that is suspended by the Executive Officer during a state of emergency or state of war emergency, in accordance with Rule 118 - Emergencies. [118]

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<sup>1</sup> "Emergency" means any situation arising from sudden and reasonably unforeseeable events beyond the control of the operator, including acts of God, which: (A) requires immediate corrective action to restore normal operation; and (B) causes the facility to exceed a technology-based emission limitation under the permit, due to unavoidable increases in emissions attributable to the emergency; and (C) is not caused by improperly designed equipment, lack of preventative maintenance, careless or improper operation, or operator error.



## FACILITY PERMIT TO OPERATE MILLERCOORS, LLC

### SECTION K: TITLE V Administration RECORDKEEPING PROVISIONS

19. In addition to any other recordkeeping requirements specified elsewhere in this permit, the operator shall keep records of required monitoring information, where applicable, that include:

- (A) The date, place as defined in the Title V permit, and time of sampling or measurements;
- (B) The date(s) analyses were performed;
- (C) The company or entity that performed the analyses;
- (D) The analytical techniques or methods used;
- (E) The results of such analyses; and
- (F) The operating conditions as existing at the time of sampling or measurement. [3004(a)(4)(B)]

20. The operator shall maintain records pursuant to Rule 109 and any applicable material safety data sheet (MSDS) for any equipment claimed to be exempt from a written permit by Rule 219 based on the information in those records. [219(t)]

21. The operator shall keep all records of monitoring data required by this permit or by regulatory requirements for a period of at least five years from the date of the monitoring sample, measurement, report, or application. [3004(a)(4)(E)]

### REPORTING PROVISIONS

22. The operator shall comply with the following requirements for prompt reporting of deviations:

- (A) Breakdowns shall be reported as required by Rule 430 – Breakdown Provisions or subdivision (i) of Rule 2004 - Requirements, whichever is applicable.



## FACILITY PERMIT TO OPERATE MILLERCOORS, LLC

### SECTION K: TITLE V Administration

- (B) Other deviations from permit or applicable rule emission limitations, equipment operating conditions, or work practice standards, determined by observation or by any monitoring or testing required by the permit or applicable rules that result in emissions greater than those allowed by the permit or applicable rules shall be reported within 72 hours (unless a shorter reporting period is specified in an applicable State or Federal Regulation) of discovery of the deviation by contacting AQMD enforcement personnel assigned to this facility or otherwise calling (800) CUT-SMOG.
- (C) A written report of such deviations reported pursuant to (B), and any corrective actions or preventative measures taken, shall be submitted to AQMD, in an AQMD approved format, within 14 days of discovery of the deviation.
- (D) All other deviations shall be reported with the monitoring report required by condition no. 23. [3004(a)(5)]
23. Unless more frequent reporting of monitoring results are specified in other permit conditions or in regulatory requirements, the operator shall submit reports of any required monitoring to the AQMD at least twice per year. The report shall include a) a statement whether all monitoring required by the permit was conducted; and b) identification of all instances of deviations from permit or regulatory requirements. A report for the first six calendar months of the year is due by August 31 and a report for the last six calendar months of the year is due by February 28. [3004(a)(4)(F)]
24. The operator shall submit to the Executive Officer and to the Environmental Protection Agency (EPA), an annual compliance certification. For RECLAIM facilities, the certification is due when the Annual Permit Emissions Program (APEP) report is due and shall cover the same reporting period. For other facilities, the certification is due on March 1 for the previous calendar year. The certification need not include the period preceding the date the initial Title V permit was issued. Each compliance certification shall include:
- (A) Identification of each permit term or condition that is the basis of the certification;



## FACILITY PERMIT TO OPERATE MILLERCOORS, LLC

### SECTION K: TITLE V Administration

- (B) The compliance status during the reporting period;
- (C) Whether compliance was continuous or intermittent;
- (D) The method(s) used to determine compliance over the reporting period and currently, and
- (E) Any other facts specifically required by the Executive Officer to determine compliance.

The EPA copy of the certification shall be sent to: Director of the Air Division Attn:  
Air-3 USEPA, Region IX 75 Hawthorne St. San Francisco, CA 94105 [3004(a)(10)(E)]

25. All records, reports, and documents required to be submitted by a Title V operator to AQMD or EPA shall contain a certification of accuracy consistent with Rule 3003(c)(7) by a responsible official (as defined in Rule 3000). [3004(a)(12)]

### PERIODIC MONITORING

26. All periodic monitoring required by this permit pursuant to Rule 3004(a)(4)(c) is based on the requirements and justifications in the AQMD document "Periodic Monitoring Guidelines for Title V Facilities" or in case-by-case determinations documented in the TitleV application file. [3004(a)(4)]



## FACILITY PERMIT TO OPERATE MILLERCOORS, LLC

### SECTION K: TITLE V Administration

#### FACILITY RULES

*This facility is subject to the following rules and regulations*

With the exception of Rule 402, 473, 477, 1118 and Rules 1401 through 1420, the following rules that are designated as non-federally enforceable are pending EPA approval as part of the state implementation plan. Upon the effective date of that approval, the approved rule(s) will become federally enforceable, and any earlier versions of those rules will no longer be federally enforceable.

<b>RULE SOURCE</b>	<b>Adopted/Amended Date</b>	<b>FEDERAL Enforceability</b>
RULE 109	5-2-2003	Federally enforceable
RULE 1110.1	10-4-1985	Non federally enforceable
RULE 1110.2	7-9-2010	Non federally enforceable
RULE 1113	11-8-1996	Federally enforceable
RULE 1113	6-3-2011	Non federally enforceable
RULE 1122	10-1-2004	Federally enforceable
RULE 1122	5-1-2009	Non federally enforceable
RULE 1130	10-8-1999	Federally enforceable
RULE 1131	6-6-2003	Federally enforceable
RULE 1134	8-8-1997	Federally enforceable
RULE 1140	8-2-1985	Non federally enforceable
RULE 1146	11-17-2000	Federally enforceable
RULE 1146	9-5-2008	Non federally enforceable
RULE 1168	1-7-2005	Federally enforceable
RULE 1171	11-7-2003	Federally enforceable
RULE 1171	5-1-2009	Non federally enforceable
RULE 118	12-7-1995	Non federally enforceable
RULE 1303(a)(1)-BACT	12-6-2002	Non federally enforceable
RULE 1303(a)(1)-BACT	5-10-1996	Federally enforceable
RULE 1303(b)(2)-Offset	12-6-2002	Non federally enforceable
RULE 1303(b)(2)-Offset	5-10-1996	Federally enforceable
RULE 1303(b)(5)(A)	12-6-2002	Non federally enforceable



## FACILITY PERMIT TO OPERATE MILLERCOORS, LLC

### SECTION K: TITLE V Administration

<b>RULE SOURCE</b>	<b>Adopted/Amended Date</b>	<b>FEDERAL Enforceability</b>
RULE 1303(b)(5)(A)	5-10-1996	Federally enforceable
RULE 1304(a)-Modeling and Offset Exemption	6-14-1996	Federally enforceable
RULE 1415	12-3-2010	Non federally enforceable
RULE 1470	6-1-2007	Non federally enforceable
RULE 2005	4-20-2001	Federally enforceable
RULE 2005	5-6-2005	Federally enforceable
RULE 2005	6-3-2011	Non federally enforceable
RULE 2012	5-6-2005	Federally enforceable
RULE 204	10-8-1993	Federally enforceable
RULE 217	1-5-1990	Federally enforceable
RULE 219	9-4-1981	Federally enforceable
RULE 2202	11-8-1996	Non federally enforceable
RULE 3002	11-14-1997	Federally enforceable
RULE 3003	11-14-1997	Federally enforceable
RULE 3004(a)(4)-Periodic Monitoring	12-12-1997	Federally enforceable
RULE 3004(c)-Permit Shield	12-12-1997	Federally enforceable
RULE 3005	11-14-1997	Federally enforceable
RULE 3007	10-8-1993	Federally enforceable
RULE 304	1-14-1982	Non federally enforceable
RULE 401	11-9-2001	Non federally enforceable
RULE 401	3-2-1984	Federally enforceable
RULE 402	5-7-1976	Non federally enforceable
RULE 403	4-2-2004	Federally enforceable
RULE 403	6-3-2005	Non federally enforceable
RULE 404	2-7-1986	Federally enforceable
RULE 405	2-7-1986	Federally enforceable
RULE 407	4-2-1982	Federally enforceable
RULE 408	5-7-1976	Federally enforceable
RULE 409	8-7-1981	Federally enforceable
RULE 429	12-21-1990	Non federally enforceable
RULE 430	7-12-1996	Non federally enforceable



**FACILITY PERMIT TO OPERATE  
MILLERCOORS, LLC**

**SECTION K: TITLE V Administration**

<b>RULE SOURCE</b>	<b>Adopted/Amended Date</b>	<b>FEDERAL Enforceability</b>
RULE 431.1	6-12-1998	Federally enforceable
RULE 431.2	5-4-1990	Federally enforceable
RULE 431.2	9-15-2000	Non federally enforceable
RULE 461	3-7-2008	Non federally enforceable
RULE 461	4-21-2000	Federally enforceable
RULE 461	6-3-2005	Federally enforceable
RULE 463	5-6-2005	Federally enforceable
RULE 475	10-8-1976	Federally enforceable
RULE 475	8-7-1978	Non federally enforceable
RULE 476	10-8-1976	Federally enforceable
RULE 701	6-13-1997	Federally enforceable
40CFR 60 Subpart GG	2-24-2006	Federally enforceable
40CFR 68 - Accidental Release Prevention	5-24-1996	Federally enforceable
40CFR 82 Subpart F	5-14-1993	Federally enforceable



**FACILITY PERMIT TO OPERATE  
MILLERCOORS, LLC**

**APPENDIX A: NOX AND SOX EMITTING EQUIPMENT EXEMPT FROM WRITTEN  
PERMIT PURSUANT TO RULE 219**

1. TORCH, ACETYLENE



## FACILITY PERMIT TO OPERATE MILLERCOORS, LLC

### APPENDIX B: RULE EMISSION LIMITS [RULE 1113 05-14-1999]

- (1) Except as provided in paragraphs (c)(2), (c)(3), (c)(4), and specified coatings averaged under (c)(6) of Rule 1113, the operator shall not supply, sell, offer for sale, manufacture, blend, or repackage any architectural coating for use in the District which, at the time of sale or manufacture, contains more than 250 grams of VOC per liter of coating (2.08 pounds per gallon), less water, less exempt compounds, and less any colorant added to tint bases, and no person shall apply or solicit the application of any architectural coating within the District that exceeds 250 grams of VOC per liter of coating as calculated in this paragraph.
- (2) Except as provided in paragraphs (c)(3), (c)(4), and designated coatings averaged under (c)(6) of Rule 1113, the operator shall not supply, sell, offer for sale, manufacture, blend, or repackage, for use within the District, any architectural coating listed in the Table of Standards which contains VOC (excluding any colorant added to tint bases) in excess of the corresponding VOC limit specified in the table, after the effective date specified, and no person shall apply or solicit the application of any architectural coating within the District that exceeds the VOC limit as specified in this paragraph. No person shall apply or solicit the application within the District of any industrial maintenance coatings for residential use; or of any rust-preventative coating for industrial use.



**FACILITY PERMIT TO OPERATE  
MILLERCOORS, LLC**

**APPENDIX B: RULE EMISSION LIMITS  
[RULE 1113 05-14-1999]  
TABLE OF STANDARDS  
VOC LIMITS**

**Grams of VOC Per Liter of Coating,  
Less Water And Less Exempt Compounds**

COATING	Limit*	Effective 1/1/1998	Effective 1/1/1999	Effective 5/14/99	Effective 7/1/2001	Effective 7/1/2002	Effective 1/1/2005	Effective 7/1/2006	Effective 7/1/2008
Bond Breakers	350								
Chemical Storage Tank Coatings	420							100	
Clear Wood Finishes									
Varnish	350								
Sanding Sealers	350								
Lacquer	680	550					275		
Concrete-Curing Compounds	350								
Dry-Fog Coatings	400								
Essential Public Service Coating	420					340		100	
Fire-proofing Exterior Coatings	450		350						
Fire-Retardant Coatings									
Clear	650								
Pigmented	350								
Flats	250				100				50
Floor Coatings	420					100		50	
Graphic Arts (Sign) Coatings	500								
High Temperature Industrial Maintenance Coatings						550		420	
Industrial Maintenance Coatings	420					250		100	
Japans/Faux Finishing Coatings	700		350						
Magnesite Cement Coatings	600		450						
Mastic Coatings	300								
Metallic Pigmented Coatings	500								
Multi-Color Coatings	420	250							
Non-Flat Coatings	250					150		50	
Pigmented Lacquer	680	550					275		
Pre-Treatment Wash Primers	780								
Primers, Sealers, and Undercoaters	350					200		100	
Quick-Dry Enamels	400					250		50	



**FACILITY PERMIT TO OPERATE  
MILLERCOORS, LLC**

**APPENDIX B: RULE EMISSION LIMITS  
[RULE 1113 05-14-1999]**

Quick-Dry Primers, Sealers, and Undercoaters	350**					200		100	
Recycled Coatings				250		250		100	
Roof Coatings	300			250					
Bituminous Roof Coatings	300					250			
Rust Preventative Coatings	420			400				100	
Shellac									
Clear	730								
Pigmented	550								
Specialty Primers	350							100	
Stains	350					250			
Swimming Pool Coatings									
Repair	650								
Other	340								
Traffic Coatings	250	150							
Waterproofing Sealers									
Wood	400					250			
Concrete/Masonry	400								
Wood Preservatives									
Below-Ground	350								
Other	350								

\* The specified limits remain in effect unless revised limits are listed in subsequent columns in the Table of Standards

\*\* The specified limit applies unless the manufacturer submits a report pursuant to Rule 1113(g)(2).

**Grams of VOC Per Liter of Material**

COATING	Limit
Low-Solids Coating	120



**FACILITY PERMIT TO OPERATE  
MILLERCOORS, LLC**

**APPENDIX B: RULE EMISSION LIMITS  
[RULE 1130 10-08-1999]**

(Amended October 8, 1999)

**RULE 1130. GRAPHIC ARTS**

Except as otherwise provided in Rule 1130

(1) **VOC Content of Graphic Arts Materials**

The operator shall not apply any graphic arts material, including any VOC-containing materials added to the original graphic arts materials, which contains a total VOC in excess of the limits specified below:

<u>GRAPHIC ARTS MATERIAL</u>	<b>VOC LIMIT</b> Grams per Liter of Coating (or Ink or Adhesive), Less Water <u>and Less Exempt Compounds</u>	
	<u>(October 8, 1999)</u>	<u>Effective January 1, 2000</u>
Lithographic Ink	300	300
Letterpress Ink	300	300
Gravure Ink	300	300
Flexographic Ink Non-Porous Substrate	300	300
Flexographic Ink Porous Substrate	300	225
Flexographic Fluorescent Ink	300	300
Coating	300	300
Adhesive	300	150



## FACILITY PERMIT TO OPERATE MILLERCOORS, LLC

### APPENDIX B: RULE EMISSION LIMITS [RULE 1130 10-08-1999]

(2) VOC Content of Fountain Solution

Through December 31, 1999, the operator shall not apply in any graphic arts operation any fountain solution, including any VOC-containing materials added to the original fountain solution, which contains a total VOC in excess of 100 grams per liter of material. Effective January 1, 2000, the VOC content of fountain solution, including any VOC containing material added to the original fountain solution as applied, shall be:

- (A) no greater than 80 grams per liter of material, or
- (B) no greater than 100 grams per liter of material, if a refrigerated chiller is used.



**FACILITY PERMIT TO OPERATE  
MILLERCOORS, LLC**

**APPENDIX B: RULE EMISSION LIMITS  
[RULE 1130 03-08-1996]**

Except as otherwise provided in Rule 1130

**(1) VOC Content of Graphic Arts Materials**

The operator shall not apply any graphic arts material, including any VOC-containing materials added to the original graphic arts materials supplied by the manufacturer, which contains a total VOC in excess of the limits specified below:

	<b>VOC LIMIT</b>
	Grams per Liter of Coating (or Ink or adhesive), Less Water <u>GRAPHIC ARTS MATERIAL and Less Exempt Compounds</u>
Printing Ink	300
Coating	300
Adhesive	300

**(2) VOC Content of Fountain Solution**

The operator shall not use in any graphic arts operation any fountain solution, including any VOC-containing materials added to the original fountain solution supplied by the manufacturer, which contains a total VOC in excess of 100 grams per liter of material.



## **FACILITY PERMIT TO OPERATE MILLERCOORS, LLC**

### **APPENDIX B: RULE EMISSION LIMITS [RULE 1140 08-02-1985]**

- (1) The operator shall not, if he complies with an applicable performance standard in section (b)(4) of Rule 1140, discharge into the atmosphere from any abrasive blasting any air contaminant for a period or periods aggregating more than three minutes in any one hour which is:
  - (A) As dark or darker in shade as that designated as No. 2 on the Ringelmann Chart, as published by the United States Bureau of Mines, or
  - (B) Of such opacity as to obscure an observer's view to a degree equal to or greater than does smoke described in (1)(A).
  
- (2) The operator shall not, if he is not complying with an applicable performance standard in section (b)(4) of Rule 1140, discharge into the atmosphere from any abrasive blasting any air contaminant for a period or periods aggregating more than three minutes in any one hour which is:
  - (A) As dark or darker in shade as that designated as No. 1 on the Ringelmann Chart, as published by the United States Bureau of Mines, or
  - (B) Of such opacity as to obscure an observer's view to a degree equal to or greater than does smoke described in (2)(A).



**FACILITY PERMIT TO OPERATE  
MILLERCOORS, LLC**

**APPENDIX B: RULE EMISSION LIMITS  
[RULE 1171 10-08-1999]**

Except as otherwise provided in Rule 1171, the operator shall not use a solvent to perform solvent cleaning unless the solvent complies with the applicable requirements set forth below:

SOLVENT CLEANING ACTIVITY	Current limits		Effective 12/1/2001	Effective 7/1/2005
	VOC g/l (lb/gal)	VOC Composite Partial Pressure mm Hg @ 20°C (68°F)	VOC g/l (lb/gal)	VOC g/l (lb/gal)
(A) Product Cleaning During Manufacturing Process Or Surface Preparation For Coating, Adhesive, Or Ink Application				
(i) General	70 (0.58)		50 (0.42)	25 (0.21)
(ii) Electrical Apparatus Components & Electronic Components	900 (7.5)	33	500 (4.2)	100 (0.83)
(iii) Medical Devices & Pharmaceuticals	900 (7.5)	33	800 (6.7)	800 (6.7)
(B) Repair and Maintenance Cleaning				
(i) General	50 (0.42)		50 (0.42)	25 (0.21)



**FACILITY PERMIT TO OPERATE  
MILLERCOORS, LLC**

**APPENDIX B: RULE EMISSION LIMITS  
[RULE 1171 10-08-1999]**

SOLVENT CLEANING ACTIVITY	Current limits		Effective 12/1/2001	Effective 7/1/2005
	VOC g/l (lb/gal)	VOC Composite Partial Pressure mm Hg @ 20°C (68°F)	VOC g/l (lb/gal)	VOC g/l (lb/gal)
(ii) Electrical Apparatus Components & Electronic Components	900 (7.5)	20	900 (7.5)	100 (0.83)
(iii) Medical Devices & Pharmaceuticals	900 (7.5)	33		
(I) Tools, Equipment, & Machinery			800 (6.7)	800 (6.7)
(II) General Work Surfaces			600 (5.0)	600 (5.0)
(C) Cleaning of Coatings, or Adhesives Application Equipment	950 (7.9)	35	550 (4.6)	25 (0.21)
(D) Cleaning of Ink Application Equipment				
(i) General	100 (0.83)	3	50 (0.42)	25 (0.21)
(ii) Flexographic Printing	100 (0.83)	3	50 (0.42)	25 (0.21)
(iii) Gravure Printing				
(I) Publication	900 (7.5)	25	750 (6.3)	100 (0.83)
(II) Packaging	100 (0.83)	3	50 (0.42)	25 (0.21)



**FACILITY PERMIT TO OPERATE  
MILLERCOORS, LLC**

**APPENDIX B: RULE EMISSION LIMITS  
[RULE 1171 10-08-1999]**

	Current limits		Effective 12/1/2001	Effective 7/1/2005
	VOC g/l (lb/gal)	VOC Composite Partial Pressure mm Hg @ 20°C (68°F)	VOC g/l (lb/gal)	VOC g/l (lb/gal)
<b>SOLVENT CLEANING ACTIVITY</b>				
(iv) Lithographic or Letter Press Printing				
(I) Roller Wash – Step 1	900	10	600 (5.0)	100 (0.83)
(II) Roller Wash- Step 2, Blanket Wash, & On- Press Components	900	10	800 (6.7)	100 (0.83)
(III) Removable Press Components			50 (0.42)	25 (0.21)
(v) Screen Printing	1070 (8.9)	5	750 (6.3)	100 (0.83)
(vi) Ultraviolet Ink Application Equipment (except screen printing)	800 (6.7)	33	800 (6.7)	100 (0.83)
(vii) Specialty Flexographic Printing	810 (6.8)	21	600 (5.0)	100 (0.83)
(E) Cleaning of Polyester Resin Application Equipment	50 (0.42)		50 (0.42)	25 (0.21)



**FACILITY PERMIT TO OPERATE  
MILLERCOORS, LLC**

**APPENDIX B: RULE EMISSION LIMITS  
[RULE 1171 06-13-1997]**

Except as otherwise provided in Rule 1171, the operator shall not use a solvent to perform solvent cleaning unless the solvent complies with the applicable requirements set forth below:

SOLVENT CLEANING ACTIVITY	CURRENT LIMITS		Effective 1/1/1999	
	VOC g/l (lb/gal)	VOC Composite Partial Pressure mm Hg @ 20°C (68°F)	VOC g/l (lb/gal)	VOC Composite Partial Pressure mm Hg @ 20°C (68°F)
(A) Product Cleaning During Manufacturing Process Or Surface Preparation For Coating, Adhesive, Or Ink Application				
(i) General	70 (0.58)			
(ii) Electronic Components or Medical Devices	900 (7.5)	33		
(B) Repair and Maintenance Cleaning				
(i) General	900 (7.5)	20	50 (0.42)	
(ii) Electrical Apparatus Components	900 (7.5)	20		
(iii) Medical Devices	900 (7.5)	33		



**FACILITY PERMIT TO OPERATE  
MILLERCOORS. LLC**

**APPENDIX B: RULE EMISSION LIMITS  
[RULE 1171 06-13-1997]**

SOLVENT CLEANING ACTIVITY	CURRENT LIMITS		Effective 1/1/1999	
	VOC g/l (lb/gal)	VOC Composite Partial Pressure mm Hg @ 20°C (68°F)	VOC g/l (lb/gal)	VOC Composite Partial Pressure mm Hg @ 20°C (68°F)
(C) Cleaning of Coatings, or Adhesives Application Equipment	950 (7.9)	35		
(D) Cleaning of Ink Application Equipment				
(i) General	100 (0.83)	3		
(ii) Flexographic or Gravure Printing	100 (0.83)	3		
(iii) Lithographic or Letter Press Printing	900 (7.5)	25		10
(iv) Screen Printing	1070 (8.9)	5		
(v) Ultraviolet Inks (except screen printing)	800 (6.7)	33		
(vi) Specialty Flexographic Printing	810 (6.8)	21		
(E) Cleaning of Polyester Resin Application Equipment	50 (0.42)			
or		1		



**FACILITY PERMIT TO OPERATE  
MILLERCOORS, LLC**

**APPENDIX B: RULE EMISSION LIMITS  
[RULE 404 02-07-1986]**

The operator shall not discharge into the atmosphere from this equipment, particulate matter in excess of the concentration at standard conditions, shown in Table 404(a). Where the volume discharged is between figures listed in the Table, the exact concentration permitted to be discharged shall be determined by linear interpolation.

For the purposes of this rule, emissions shall be averaged over one complete cycle of operation or one hour, whichever is the lesser time period.

**TABLE 404(a)**

Volume Discharged Calculated as Dry Gas At Standard Conditions		Maximum Concentration of Particulate Matter <sup>1</sup> Allowed in Discharged Gas Calculated as Dry Gas at Standard Conditions		Volume Discharged Calculated as Dry Gas At Standard Conditions		Maximum Concentration of Particulate Matter Allowed in Discharged Gas Calculated as Dry Gas at Standard Conditions	
Cubic meters Per Minute	Cubic feet Per Minute	Milligrams per Cubic Meter	Grains per Cubic Foot	Cubic meters Per Minute	Cubic feet Per Minute	Milligrams per Cubic Meter	Grains per Cubic Foot
25 or less	883 or less	450	0.196	900	31780	118	0.0515
30	1059	420	.183	1000	35310	113	.0493
35	1236	397	.173	1100	38850	109	.0476
40	1413	377	.165	1200	42380	106	.0463
45	1589	361	.158	1300	45910	102	.0445



**FACILITY PERMIT TO OPERATE  
MILLERCOORS, LLC**

**APPENDIX B: RULE EMISSION LIMITS  
[RULE 404 02-07-1986]**

Volume Discharged Calculated as Dry Gas At Standard Conditions		Maximum Concentration of Particulate Matter <sup>1</sup> Allowed in Discharged Gas Calculated as Dry Gas at Standard Conditions		Volume Discharged Calculated as Dry Gas At Standard Conditions		Maximum Concentration of Particulate Matter Allowed in Discharged Gas Calculated as Dry Gas at Standard Conditions	
		Milligrams per Cubic Meter	Grains per Cubic Foot			Milligrams per Cubic Meter	Grains per Cubic Foot
Cubic meters Per Minute	Cubic feet Per Minute			Cubic meters Per Minute	Cubic feet Per Minute		
50	1766	347	.152	1400	49440	100	.0437
60	2119	324	.141	1500	52970	97	.0424
70	2472	306	.134	1750	61800	92	.0402
80	2825	291	.127	2000	70630	87	.0380
90	3178	279	.122	2250	79460	83	.0362
100	3531	267	.117	2500	88290	80	.0349
125	4414	246	.107	3000	105900	75	.0327
150	5297	230	.100	4000	141300	67	.0293
175	6180	217	.0947	5000	176600	62	.0271
200	7063	206	.0900	6000	211900	58	.0253
250	8829	190	.0830	8000	282500	52	.0227
300	10590	177	.0773	10000	353100	48	.0210
350	12360	167	.0730	15000	529700	41	.0179
400	14130	159	.0694	20000	706300	37	.0162
450	15890	152	.0664	25000	882900	34	.0148



**FACILITY PERMIT TO OPERATE  
MILLERCOORS, LLC**

**APPENDIX B: RULE EMISSION LIMITS  
[RULE 404 02-07-1986]**

Volume Discharged Calculated as Dry Gas At Standard Conditions		Maximum Concentration of Particulate Matter <sup>2</sup> Allowed in Discharged Gas Calculated as Dry Gas at Standard Conditions		Volume Discharged Calculated as Dry Gas At Standard Conditions		Maximum Concentration of Particulate Matter Allowed in Discharged Gas Calculated as Dry Gas at Standard Conditions	
Cubic meters Per Minute	Cubic feet Per Minute	Milligrams per Cubic Meter	Grains per Cubic Foot	Cubic meters Per Minute	Cubic feet Per Minute	Milligrams per Cubic Meter	Grains per Cubic Foot
500	17660	146	.0637	30000	1059000	32	.0140
600	21190	137	.0598	40000	1413000	28	.0122
700	24720	129	.0563	50000	1766000	26	.0114
800	28250	123	.0537	70000 or more	2472000 or more	23	.0100



**FACILITY PERMIT TO OPERATE  
MILLERCOORS, LLC**

**APPENDIX B: RULE EMISSION LIMITS  
[RULE 405 02-07-1986]**

The operator shall not discharge into the atmosphere from this equipment, solid particulate matter including lead and lead compounds in excess of the rate shown in Table 405(a).

Where the process weight per hour is between figures listed in the table, the exact weight of permitted discharge shall be determined by linear interpolation.

For the purposes of this rule, emissions shall be averaged over one complete cycle of operation or one hour, whichever is the lesser time period.

**TABLE 405(a)**

Process Weight Per Hour		Maximum Discharge Rate Allowed for Solid Particulate Matter (Aggregate Discharged From All Points of Process)		Process Weight Per Hour		Maximum Discharge Rate Allowed for Solid Particulate Matter (Aggregate Discharged From All points of Process)	
Kilograms Per Hour	Pounds Per Hour	Kilograms Per Hour	Pounds Per Hour	Kilograms Per Hour	Pounds Per Hour	Kilograms Per Hour	Pounds Per Hour
100 or less	220 or less	0.450	0.99	9000	19840	5.308	11.7
150	331	0.585	1.29	10000	22050	5.440	12.0
200	441	0.703	1.55	12500	27560	5.732	12.6
250	551	0.804	1.77	15000	33070	5.982	13.2
300	661	0.897	1.98	17500	38580	6.202	13.7
350	772	0.983	2.17	20000	44090	6.399	14.1
400	882	1.063	2.34	25000	55120	6.743	14.9
450	992	1.138	2.51	30000	66140	7.037	15.5
500	1102	1.209	2.67	35000	77160	7.296	16.1
600	1323	1.340	2.95	40000	88180	7.527	16.6



**FACILITY PERMIT TO OPERATE  
MILLERCOORS, LLC**

**APPENDIX B: RULE EMISSION LIMITS  
[RULE 405 02-07-1986]**

Process Weight Per Hour		Maximum Discharge Rate Allowed for Solid Particulate Matter (Aggregate Discharged From All Points of Process		Process Weight Per Hour		Maximum Discharge Rate Allowed for Solid Particulate Matter (Aggregate Discharged From All points of Process	
Kilograms Per Hour	Pounds Per Hour	Kilograms Per Hour	Pounds Per Hour	Kilograms Per Hour	Pounds Per Hour	Kilograms Per Hour	Pounds Per Hour
700	1543	1.461	3.22	45000	99210	7.738	17.1
800	1764	1.573	3.47	50000	110200	7.931	17.5
900	1984	1.678	3.70	60000	132300	8.277	18.2
1000	2205	1.777	3.92	70000	154300	8.582	18.9
1250	2756	2.003	4.42	80000	176400	8.854	19.5
1500	3307	2.206	4.86	90000	198400	9.102	20.1
1750	3858	2.392	5.27	100000	220500	9.329	20.6
2000	4409	2.563	5.65	125000	275600	9.830	21.7
2250	4960	2.723	6.00	150000	330700	10.26	22.6
2500	5512	2.874	6.34	175000	385800	10.64	23.5
2750	6063	3.016	6.65	200000	440900	10.97	24.2
3000	6614	3.151	6.95	225000	496000	11.28	24.9
3250	7165	3.280	7.23	250000	551200	11.56	25.5
3600	7716	3.404	7.50	275000	606300	11.82	26.1
4000	8818	3.637	8.02	300000	661400	12.07	26.6
4500	9921	3.855	8.50	325000	716500	12.30	27.1
5000	11020	4.059	8.95	350000	771600	12.51	27.6
6000	13230	4.434	9.78	400000	881800	12.91	28.5
7000	15430	4.775	10.5	450000	992100	13.27	29.3
8000	17640	5.089	11.2	500000 or more	1102000 or more	13.60	30.0