



FACILITY PERMIT TO OPERATE ZIEMAN MFG CO

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
Process 1 : SURFACE COATING					P42.1
System 1 :					
SPRAY COATING OPERATION, SPRAY KING, MODEL DI-60710, 13 FT.-6 IN. W. X 60 FT. L. X 7 FT. H., ONE HUNDRED EIGHT 20 IN. X 20 IN. EXHAUST FILTERS, WITH SPRAY BOOTH A/N:	D1			PM: (9) [RULE 404,2-7-1986] ; ROG: (9) [RULE 1107,11-9-2001;RULE 1171,8-2-2002;RULE 1171,11-7-2003]	A63.2, C6.1, D322.1, E175.1, K67.1, K67.2, K67.3
SPRAY COATING OPERATION, BLEEKER, MODEL ATRD-54, 16 FT.-4 IN. W. X 54 FT.-8 IN. L. X 13 FT.-2 IN. H., THIRTY 20 IN. X 20 IN. EXHAUST FILTERS, WITH SPRAY BOOTH A/N:	D4			PM: (9) [RULE 404,2-7-1986] ; ROG: (9) [RULE 1107,11-9-2001;RULE 1171,8-2-2002;RULE 1171,11-7-2003]	A63.1, A63.2, B59.1, C6.1, D322.1, E175.1, K67.1, K67.2, K67.3
Process 2 : R219 EXEMPT EQUIPMENT SUBJECT TO SOURCE-SPECIFIC RULES					
RULE 219 EXEMPT EQUIPMENT, AIR CONDITIONING UNITS	E2			ROG: (8) [40CFR 82 Subpart F,5-14-1993] ; ROG: (6) [RULE 1415,10-14-1994]	
RULE 219 EXEMPT EQUIPMENT, COATING EQUIPMENT, PORTABLE, ARCHITECTURAL COATINGS	E3			ROG: (9) [RULE 1113,11-8-1996;RULE 1113,7-9-2004;RULE 1171,8-2-2002;RULE 1171,11-7-2003]	K67.4
RULE 219 EXEMPT EQUIPMENT, EXEMPT HAND WIPING OPERATIONS	E5			ROG: (9) [RULE 1171,8-2-2002;RULE 1171,11-7-2003]	

* (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.



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

Section D	Page: 2
Facility I.D.:	20504
Revision #:	DRAFT
Date:	August 21, 2007

**FACILITY PERMIT TO OPERATE
ZIEMAN MFG CO**

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
ZIEMAN MFG CO**

SECTION D: DEVICE ID INDEX

Device Index For Section D			
Device ID	Section D Page No.	Process	System
D1	1	1	1
E2	1	2	0
E3	1	2	0
D4	1	1	1
E5	1	2	0



FACILITY PERMIT TO OPERATE ZIEMAN MFG CO

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

FACILITY CONDITIONS

F2.1 The operator shall limit emissions from this facility as follows:

CONTAMINANT	EMISSIONS LIMIT
Single Volatile Hazardous Air Pollutant (VHAP)	Less than or equal to 10 TONS IN ANY 12-MONTH PERIOD
Combination of Volatile Hazardous Air Pollutants (VHAPs)	Less than or equal to 25 TONS IN ANY 12-MONTH PERIOD

To maintain exemption from the requirements of 40 CFR 63, Subpart M, the operator shall comply with the Volatile Hazardous Air Pollutant (VHAP) emission limits of this condition. To ensure compliance with the VHAP emission limits of this condition, the operator shall comply with the following recordkeeping requirements:

- (a) Comply with Rule 109 (Recordkeeping for Volatile Organic Compound Emissions).
- (b) Within 14 calendar days after the end of each month, total and record VHAP emissions for the month and for the previous 12 month period from all equipment and operations that are required to have written permits or are exempt from written permits pursuant to Rule 219. The record shall include any procedures used to account for control device efficiencies and/or waste disposal. It shall be signed and certified for accuracy by the highest ranking individual responsible for compliance with District rules.
- (c) Maintain a single list which includes only the name and address of each person from whom the facility acquired VHAP-containing material regulated by the District that was used or stored at the facility during the preceding 12 months.
- (d) Retain all purchase invoices for all VHAP-containing material used or stored at the facility, and all waste manifests for all waste VHAP-containing material removed from the facility.
- (e) Retain all records required by this permit at the facility for five years, and make all records available to any District representative upon request.

[40CFR 63 Subpart M, 1-2-2004]



**FACILITY PERMIT TO OPERATE
ZIEMAN MFG CO**

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

F16.1 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

Material safety data sheets for all materials used at this facility shall be kept current

All records shall be prepared in a format which is acceptable to the District, shall be retained on the premises for at least five years, and shall be made available upon request of the Executive Officer or his representative

[RULE 109, 8-18-2000; RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

PROCESS CONDITIONS

P42.1 The operator shall comply with the following requirement:

Contaminant	Rule	Subpart
PM	481	-

[RULE 481, 1-11-2002]

[Processes subject to this condition : 1]

DEVICE CONDITIONS

A. Emission Limits



FACILITY PERMIT TO OPERATE ZIEMAN MFG CO

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

A63.1 The operator shall limit emissions from this equipment as follows:

CONTAMINANT	EMISSIONS LIMIT
VOC	Less than or equal to 850 LBS IN ANY ONE MONTH

To ensure compliance with the monthly Volatile Organic Compound (VOC) emission limit(s) of this condition, the operator shall comply with the following recordkeeping requirements:

- (1) The operator shall comply with Rule 109 (Recordkeeping for Volatile Organic Compound Emissions).
- (2) Within 14 calendar days after the end of each month, the operator shall total and record VOC emissions for the month from all equipment and operations covered by the monthly emission limit(s). The record shall include any procedures used to account for control device efficiencies and/or waste disposal. It shall be signed and certified for accuracy by the highest ranking individual responsible for compliance with District rules.
- (3) The operator shall maintain a single list which includes only the name and address of each person from whom the facility acquired VOC-containing material regulated by the District that was used or stored at the facility during the preceding 12 months.
- (4) The operator shall retain all purchase invoices for all VOC-containing material used or stored at the facility, and all waste manifests for all waste VOC-containing material removed from the facility, for five years.

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

[Devices subject to this condition : D4]



FACILITY PERMIT TO OPERATE ZIEMAN MFG CO

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

A63.2 The operator shall limit emissions from this equipment as follows:

CONTAMINANT	EMISSIONS LIMIT
	Less than 39 LBS IN ANY ONE DAY

For the purposes of this condition, the limit(s) shall be based on the total combined emissions from equipment spray booths D1 and D4.

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

[Devices subject to this condition : D1, D4]

B. Material/Fuel Type Limits

B59.1 The operator shall not use the following material(s) in this device :

any toxic compounds identified in Rule 1401, Table I, with an effective date of February 7, 2003 or earlier, with the exception of methyl ethyl ketone (CAS# 78-93-3) and phosphoric acid (CAS# 7664-38-2)

[RULE 1401, 2-7-2003]

[Devices subject to this condition : D4]

C. Throughput or Operating Parameter Limits



FACILITY PERMIT TO OPERATE ZIEMAN MFG CO

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

- C6.1 The operator shall use this equipment in such a manner that the differential pressure being monitored, as indicated below, does not exceed 0.25 inches water column.

To comply with this condition, the operator shall install and maintain a(n) differential pressure gauge to accurately indicate the differential pressure across the exhaust filters.

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

[Devices subject to this condition : D1, D4]

D. Monitoring/Testing Requirements

- D322.1 The operator shall perform a weekly 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 : D1, D4]

E. Equipment Operation/Construction Requirements

- E175.1 The operator shall not use this equipment unless all exhaust air passes through the following:

Filter media at least 2 inches thick.

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

[Devices subject to this condition : D1, D4]

K. Record Keeping/Reporting



FACILITY PERMIT TO OPERATE ZIEMAN MFG CO

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

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

adequate records for each spray booth and both spray booths combined to verify the VOC emissions in pounds and the VOC content as applied, including water and exempt compounds.

[RULE 109, 5-2-2003; RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D1, D4]

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

Name of person conducting inspection and maintenance of the filter media.

Date, time and results of inspection.

Date, time and description of repairs made.

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

[Devices subject to this condition : D1, D4]

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

Weekly record of pressure drop across the filter media.

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

[Devices subject to this condition : D1, D4]



FACILITY PERMIT TO OPERATE ZIEMAN MFG CO

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

K67.4 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 : E3]