

## **FACILITY PERMIT TO OPERATE EPSILON PLASTICS INC**

### **Facility Equipment and Requirements (Section D)**

This section consists of a table listing all permitted equipment at the facility, facility wide requirements, all individual Permits to Construct and Permits to Operate issued to various equipment at the facility, and Rule 219-exempt equipment subject to source-specific requirements. Each permit and Rule 219-exempt equipment will list operating conditions including periodic monitoring requirements, and applicable emission limits and requirements that the equipment is subject to. Also included is the rule origin and authority of each emission limit and permit condition.

**FACILITY PERMIT TO OPERATE  
 EPSILON PLASTICS INC**

**PERMITTED EQUIPMENT LIST**

THE FOLLOWING IS A LIST OF ALL PERMITS TO CONSTRUCT AND PERMITS TO OPERATE AT THIS FACILITY:

<b>Application Number</b>	<b>Permit to Operate Number</b>	<b>Equipment description</b>
472944	F94612	PLASTIC BAG MANUFACTURING/PRINTING SYSTEM
414662	F61754	PLASTIC BAG MANUFACTURING/PRINTING SYSTEM
414663	F61756	PLASTIC BAG MANUFACTURING/PRINTING SYSTEM
472948	F94616	PLASTIC BAG MANUFACTURING/PRINTING SYSTEM
472945	F94613	PLASTIC BAG MANUFACTURING/PRINTING SYSTEM
472946	F94614	PLASTIC BAG MANUFACTURING/PRINTING SYSTEM
472947	F94615	PLASTIC BAG MANUFACTURING/PRINTING SYSTEM
472943	F94617	PLASTIC BAG MANUFACTURING/PRINTING SYSTEM
511637		PLASTIC BAG MANUFACTURING/PRINTING SYSTEM

**NOTE:** EQUIPMENT LISTED ABOVE THAT HAVE NO CORRESPONDING PERMITS TO OPERATE NUMBER ARE ISSUED PERMITS TO CONSTRUCT. THE ISSUANCE OR DENIAL OF THEIR PERMITS TO OPERATE IS SUBJECT TO ENGINEERING FINAL REVIEW. ANY OTHER APPLICATIONS THAT ARE STILL BEING PROCESSED AND HAVE NOT BEEN ISSUED PERMITS TO CONSTRUCT OR PERMITS TO OPERATE WILL NOT BE FOUND IN THIS TITLE V PERMIT.

## FACILITY PERMIT TO OPERATE EPSILON PLASTICS INC

### FACILITY WIDE CONDITION(S)

**Condition(s):**

1. EXCEPT FOR OPEN ABRASIVE BLASTING OPERATIONS, THE OPERATOR SHALL NOT DISCHARGE INTO THE ATMOSPHERE FROM ANY SINGLE SOURCE OF EMISSIONS WHATSOEVER 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 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 SUBPARAGRAPH (A) OF THIS CONDITION.  
[RULE 401]
2. MATERIAL SAFETY DATA SHEETS FOR ALL MATERIALS USED AT THIS FACILITY AND SUBJECT TO DISTRICT RULES SHALL BE KEPT CURRENT AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.  
[RULE 109, 1303(b)(2)-OFFSET]
3. THE TOTAL QUANTITY OF VOLATILE ORGANIC COMPOUND (VOC) EMISSIONS DISCHARGED TO THE ATMOSPHERE FROM THIS FACILITY SHALL NOT EXCEED 152 POUNDS IN ANY ONE DAY.  
[RULE 1303(b)(2)-OFFSET]
4. IN ADDITION TO THE RECORD KEEPING REQUIREMENTS OF RULE 109, THE OPERATOR SHALL KEEP ADEQUATE RECORDS FOR THIS FACILITY TO VERIFY THE FOLLOWING ON DAILY BASIS:
  - A. THE VOC CONTENT OF INKS, REDUCERS, WASH MATERIALS, AND ANY OTHER GRAPHIC ARTS MATERIALS, IN POUNDS PER GALLON AS APPLIED, INCLUDING WATER AND EXEMPT COMPOUNDS.
  - B. THE DAILY VOC EMISSIONS IN POUNDS.

ALL RECORDS SHALL BE PREPARED IN A FORMAT THAT IS ACCEPTABLE TO THE DISTRICT, SHALL BE RETAINED ON THE PREMISES FOR AT LEAST FIVE YEARS, AND SHALL BE MADE AVAILABLE TO THE EXECUTIVE OFFICER OR HIS REPRESENTATIVE UPON REQUEST.  
[RULE 109, 1303(b)(2)-OFFSET]

## FACILITY PERMIT TO OPERATE EPSILON PLASTICS INC

### PERMIT TO OPERATE

**Permit No. F94612**  
**A/N 472944**

#### **Equipment Description:**

PLASTIC BAG MANUFACTURING/PRINTING SYSTEM NO. 1 CONSISTING OF:

1. HOPPER.
2. EXTRUDER, BATTENFELD GLOUCESTER, MODEL 244, SCREW TYPE, WITH ONE 200 H.P. DRIVE
3. DIE ASSEMBLY.
4. TOWER ASSEMBLY, WITH ONE 20 H.P. BLOWER.
5. PRIMARY NIP ROLL ASSEMBLY, WITH ONE 1.5 H.P. DRIVE
6. FLEXOGRAPHIC PRINTING PRESS, WOLVERINE, MODEL NO. 81-2/4, 60 INCH WEB WIDTH, 2-COLOR, WITH A 10 H.P. DRIVE.
7. ELECTRIC DRYER, DRI-TEC, 36 K.W., WITH ONE 7.5 H.P. INTAKE BLOWER AND ONE 7.5 H.P. EXHAUST BLOWER.
8. POST GUSSET MECHANISM, BATTENFELD GLOUCESTER, WITH ONE 1 H.P. DRIVE.
9. BAG MACHINE, BATTENFELD GLOUCESTER, MODEL NO. 418, WITH ONE 5 H.P. DRIVE.
10. REWIND STATION, BATTENFELD GLOUCESTER, MODEL NO. 117S, WITH ONE 1 H.P. DRIVE.

#### **Conditions:**

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.  
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.  
[RULE 204]
3. THE TOTAL QUANTITY OF VOLATILE ORGANIC COMPOUND (VOC) EMISSIONS DISCHARGED TO THE ATMOSPHERE FROM THIS EQUIPMENT SHALL NOT EXCEED 40 POUNDS IN ANY ONE DAY.  
[RULE 1303(b)(2)-OFFSET]

## FACILITY PERMIT TO OPERATE EPSILON PLASTICS INC

4. THE INKS USED IN THIS EQUIPMENT SHALL NOT CONTAIN MORE THAN FIFTEEN (15) PERCENT VOC BY VOLUME AS APPLIED, INCLUDING WATER AND EXEMPT COMPOUNDS.  
[RULE 1303(a)(1)-BACT]
  
5. IN ADDITION TO THE RECORD KEEPING REQUIREMENTS OF RULE 109, THE OPERATOR SHALL KEEP ADEQUATE RECORDS FOR THIS EQUIPMENT TO VERIFY THE FOLLOWING ON DAILY BASIS:
  - A. THE VOC CONTENT OF INKS, REDUCERS, WASH MATERIALS, AND ANY OTHER GRAPHIC ARTS MATERIALS, IN POUNDS PER GALLON AS APPLIED, INCLUDING WATER AND EXEMPT COMPOUNDS.
  
  - B. THE PERCENT VOC BY VOLUME OF THE INKS USED IN THIS EQUIPMENT, AS APPLIED, INCLUDING WATER AND EXEMPT COMPOUNDS.
  
  - C. THE DAILY VOC EMISSIONS IN POUNDS.  
[RULE 109, 1303(b)(2)-OFFSET]

### **Emissions And Requirements:**

6. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:  
  
VOC: RULE 109  
VOC: RULE 1130, SEE APPENDIX B FOR EMISSION LIMITS  
VOC: RULE 1171, SEE APPENDIX B FOR EMISSION LIMITS  
PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS  
HAP: 40CFR 63, SUBPART KK, SEE SECTION J FOR REQUIREMENTS

## FACILITY PERMIT TO OPERATE EPSILON PLASTICS INC

### PERMIT TO OPERATE

**Permit No. F61754  
A/N 414662**

#### **Equipment Description:**

PLASTIC BAG MANUFACTURING/PRINTING SYSTEM NO. 2 CONSISTING OF:

1. HOPPER.
2. EXTRUDER, BATTENFELD GLOUCESTER, MODEL 233, SCREW TYPE, WITH ONE 125 H.P. DRIVE
3. DIE ASSEMBLY.
4. TOWER ASSEMBLY, WITH ONE 20 H.P. BLOWER.
5. PRIMARY NIP ROLL ASSEMBLY, WITH ONE 1.5 H.P. DRIVE
6. FLEXOGRAPHIC PRINTING PRESS, WOLVERINE, MODEL NO. 81-2/4, 60 INCH WEB WIDTH, 3-COLOR, WITH A 10 H.P. DRIVE.
7. ELECTRIC DRYER, DRI-TEC, 36 K.W., WITH ONE 7.5 H.P. INTAKE BLOWER AND ONE 7.5 H.P. EXHAUST BLOWER.
8. POST GUSSET MECHANISM, BATTENFELD GLOUCESTER, WITH ONE 1 H.P. DRIVE.
9. BAG MACHINE, BATTENFELD GLOUCESTER, MODEL NO. 450, WITH ONE 5 H.P. DRIVE.
10. REWIND STATION, BATTENFELD GLOUCESTER, MODEL NO. 192D, WITH ONE 1 H.P. DRIVE.

#### **Conditions:**

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.  
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.  
[RULE 204]
3. THE TOTAL QUANTITY OF VOLATILE ORGANIC COMPOUND (VOC) EMISSIONS DISCHARGED TO THE ATMOSPHERE FROM THIS EQUIPMENT SHALL NOT EXCEED 40 POUNDS IN ANY ONE DAY.  
[RULE 1303(b)(2)-OFFSET]

## FACILITY PERMIT TO OPERATE EPSILON PLASTICS INC

4. THE INKS USED IN THIS EQUIPMENT SHALL NOT CONTAIN MORE THAN FIFTEEN (15) PERCENT VOC BY VOLUME AS APPLIED, INCLUDING WATER AND EXEMPT COMPOUNDS.  
[RULE 1303(a)(1)-BACT]
  
5. IN ADDITION TO THE RECORD KEEPING REQUIREMENTS OF RULE 109, THE OPERATOR SHALL KEEP ADEQUATE RECORDS FOR THIS EQUIPMENT TO VERIFY THE FOLLOWING ON DAILY BASIS:
  - A. THE VOC CONTENT OF INKS, REDUCERS, WASH MATERIALS, AND ANY OTHER GRAPHIC ARTS MATERIALS, IN POUNDS PER GALLON AS APPLIED, INCLUDING WATER AND EXEMPT COMPOUNDS.
  
  - B. THE PERCENT VOC BY VOLUME OF THE INKS USED IN THIS EQUIPMENT, AS APPLIED, INCLUDING WATER AND EXEMPT COMPOUNDS.
  
  - C. THE DAILY VOC EMISSIONS IN POUNDS.  
[RULE 109, 1303(b)(2)-OFFSET]

### **Emissions And Requirements:**

6. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:  
  
VOC: RULE 109  
VOC: RULE 1130, SEE APPENDIX B FOR EMISSION LIMITS  
VOC: RULE 1171, SEE APPENDIX B FOR EMISSION LIMITS  
PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS  
HAP: 40CFR 63, SUBPART KK, SEE SECTION J FOR REQUIREMENTS

## FACILITY PERMIT TO OPERATE EPSILON PLASTICS INC

### PERMIT TO OPERATE

**Permit No. F61756  
A/N 414663**

#### **Equipment Description:**

PLASTIC BAG MANUFACTURING/PRINTING SYSTEM NO. 3 CONSISTING OF:

1. HOPPER.
2. EXTRUDER, BATTENFELD GLOUCESTER, MODEL 233, SCREW TYPE, WITH ONE 125 H.P. DRIVE
3. DIE ASSEMBLY.
4. TOWER ASSEMBLY, WITH ONE 20 H.P. BLOWER.
5. PRIMARY NIP ROLL ASSEMBLY, WITH ONE 1.5 H.P. DRIVE
6. FLEXOGRAPHIC PRINTING PRESS, WOLVERINE, MODEL NO. 81-2/4, 60 INCH WEB WIDTH, 2-COLOR, WITH A 10 H.P. DRIVE.
7. ELECTRIC DRYER, DRI-TEC, 108 K.W., WITH ONE 10 H.P. INTAKE BLOWER AND ONE 10 H.P. EXHAUST BLOWER.
8. POST GUSSET MECHANISM, BATTENFELD GLOUCESTER, WITH ONE 1 H.P. DRIVE.
9. BAG MACHINE, BATTENFELD GLOUCESTER, MODEL NO. 450, WITH ONE 5 H.P. DRIVE.
10. REWIND STATION, BATTENFELD GLOUCESTER, MODEL NO. 192D, WITH ONE 1 H.P. DRIVE.

#### **Conditions:**

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.  
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.  
[RULE 204]
3. THE TOTAL QUANTITY OF VOLATILE ORGANIC COMPOUND (VOC) EMISSIONS DISCHARGED TO THE ATMOSPHERE FROM THIS EQUIPMENT SHALL NOT EXCEED 40 POUNDS IN ANY ONE DAY.  
[RULE 1303(b)(2)-OFFSET]

## FACILITY PERMIT TO OPERATE EPSILON PLASTICS INC

4. THE INKS USED IN THIS EQUIPMENT SHALL NOT CONTAIN MORE THAN FIFTEEN (15) PERCENT VOC BY VOLUME AS APPLIED, INCLUDING WATER AND EXEMPT COMPOUNDS.  
[RULE 1303(a)(1)-BACT]
  
5. IN ADDITION TO THE RECORD KEEPING REQUIREMENTS OF RULE 109, THE OPERATOR SHALL KEEP ADEQUATE RECORDS FOR THIS EQUIPMENT TO VERIFY THE FOLLOWING ON DAILY BASIS:
  - A. THE VOC CONTENT OF INKS, REDUCERS, WASH MATERIALS, AND ANY OTHER GRAPHIC ARTS MATERIALS, IN POUNDS PER GALLON AS APPLIED, INCLUDING WATER AND EXEMPT COMPOUNDS.
  
  - B. THE PERCENT VOC BY VOLUME OF THE INKS USED IN THIS EQUIPMENT, AS APPLIED, INCLUDING WATER AND EXEMPT COMPOUNDS.
  
  - C. THE DAILY VOC EMISSIONS IN POUNDS.  
[RULE 109, 1303(b)(2)-OFFSET]

### **Emissions And Requirements:**

6. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:  
  
VOC: RULE 109  
VOC: RULE 1130, SEE APPENDIX B FOR EMISSION LIMITS  
VOC: RULE 1171, SEE APPENDIX B FOR EMISSION LIMITS  
PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS  
HAP: 40CFR 63, SUBPART KK, SEE SECTION J FOR REQUIREMENTS

## FACILITY PERMIT TO OPERATE EPSILON PLASTICS INC

### PERMIT TO OPERATE

**Permit No. F94616**  
**A/N 472948**

#### **Equipment Description:**

PLASTIC BAG MANUFACTURING/PRINTING SYSTEM NO. 8 CONSISTING OF:

1. HOPPER.
2. EXTRUDER, BATTENFELD GLOUCESTER, MODEL 244, SCREW TYPE, WITH ONE 200 H.P. DRIVE
3. DIE ASSEMBLY.
4. TOWER ASSEMBLY, WITH ONE 10 H.P. BLOWER.
5. PRIMARY NIP ROLL ASSEMBLY, WITH ONE 1.5 H.P. DRIVE
6. FLEXOGRAPHIC PRINTING PRESS, WOLVERINE, MODEL NO. 61-1-FU, 60 INCH WEB WIDTH, ONE COLOR, WITH A 5 H.P. DRIVE.
7. ELECTRIC DRYER, DRI-TEC, 18 K.W., WITH ONE 5 H.P. INTAKE BLOWER AND ONE 5 H.P. EXHAUST BLOWER.
8. POST GUSSET MECHANISM, BATTENFELD GLOUCESTER, WITH ONE 1 H.P. DRIVE.
9. BAG MACHINE, BATTENFELD GLOUCESTER, MODEL NO. 117SD, WITH ONE 1 H. P. DRIVE.

#### **Conditions:**

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.  
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.  
[RULE 204]
3. THE TOTAL QUANTITY OF VOLATILE ORGANIC COMPOUND (VOC) EMISSIONS DISCHARGED TO THE ATMOSPHERE FROM THIS EQUIPMENT SHALL NOT EXCEED 40 POUNDS IN ANY ONE DAY.  
[RULE 1303(b)(2)-OFFSET]
4. THE INKS USED IN THIS EQUIPMENT SHALL NOT CONTAIN MORE THAN FIFTEEN (15) PERCENT VOC BY VOLUME AS APPLIED, INCLUDING WATER AND EXEMPT COMPOUNDS.  
[RULE 1303(a)(1)-BACT]

## FACILITY PERMIT TO OPERATE EPSILON PLASTICS INC

5. IN ADDITION TO THE RECORD KEEPING REQUIREMENTS OF RULE 109, THE OPERATOR SHALL KEEP ADEQUATE RECORDS FOR THIS EQUIPMENT TO VERIFY THE FOLLOWING ON DAILY BASIS:
- A. THE VOC CONTENT OF INKS, REDUCERS, WASH MATERIALS, AND ANY OTHER GRAPHIC ARTS MATERIALS, IN POUNDS PER GALLON AS APPLIED, INCLUDING WATER AND EXEMPT COMPOUNDS.
  - B. THE PERCENT VOC BY VOLUME OF THE INKS USED IN THIS EQUIPMENT, AS APPLIED, INCLUDING WATER AND EXEMPT COMPOUNDS.
  - C. THE DAILY VOC EMISSIONS IN POUNDS.  
[RULE 109, 1303(b)(2)-OFFSET]

### **Emissions And Requirements:**

6. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:
- VOC: RULE 109
  - VOC: RULE 1130, SEE APPENDIX B FOR EMISSION LIMITS
  - VOC: RULE 1171, SEE APPENDIX B FOR EMISSION LIMITS
  - PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS
  - HAP: 40CFR 63, SUBPART KK, SEE SECTION J FOR REQUIREMENTS

## FACILITY PERMIT TO OPERATE EPSILON PLASTICS INC

### PERMIT TO OPERATE

**Permit No. F94613**  
**A/N 472945**

#### **Equipment Description:**

PLASTIC BAG MANUFACTURING/PRINTING SYSTEM NO. 9, CONSISTING OF

1. HOPPER.
2. EXTRUDER, BATTENFELD GLOUCESTER, MODEL 80 MM WITH ONE 150-H.P. DRIVE.
3. DIE ASSEMBLY.
4. TOWER ASSEMBLY, WITH ONE 10-H.P. BLOWER.
5. PRIMARY NIP ROLL ASSEMBLY, WITH ONE 1½-H.P. DRIVE.
6. FLEXOGRAPHIC PRINTING PRESS, UTECO, MODEL NO. BLEND A IL 413, 60 INCH WEB WIDTH, FOUR-COLOR, WITH ONE 10-H.P. DRIVE.
7. ELECTRIC DRYER, UTECO, 43 KW, WITH ONE 7½-H.P. INTAKE BLOWER AND ONE 7½-H.P. EXHAUST BLOWER.
8. POST GUSSET MECHANISM, BATTENFELD GLOUCESTER, WITH ONE 1-H.P. DRIVE.
9. BAG MACHINE, BATTENFELD GLOUCESTER, MODEL 171-S, WITH ONE 1-H.P. DRIVE.
10. REWIND STATION, BATTENFELD GLOUCESTER, MODEL NO. 117S, WITH ONE 1 H.P. DRIVE.

#### **Conditions:**

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.  
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.  
[RULE 204]
3. ALL PRINTING MATERIALS, INCLUDING INKS AND OTHER VOC-CONTAINING MATERIALS USED AT THIS FACILITY SHALL NOT CONTAIN ANY CARCINOGENIC AIR CONTAMINANTS IDENTIFIED IN RULE 1401, TABLE 1 WITH AN EFFECTIVE DATE OF DECEMBER 7, 1990 OR EARLIER.  
[RULE 1401]

## FACILITY PERMIT TO OPERATE EPSILON PLASTICS INC

4. IN ADDITION TO THE RECORD KEEPING REQUIREMENTS OF RULE 109, THE OPERATOR SHALL KEEP ADEQUATE RECORDS FOR THIS EQUIPMENT TO VERIFY THE FOLLOWING ON DAILY BASIS:
  - A. THE VOC CONTENT OF INKS, REDUCERS, WASH MATERIALS, AND ANY OTHER GRAPHIC ARTS MATERIALS, IN POUNDS PER GALLON AS APPLIED, INCLUDING WATER AND EXEMPT COMPOUNDS.
  - B. THE DAILY VOC EMISSIONS IN POUNDS.  
[RULE 109, 1303(b)(2)-OFFSET]

### **Emissions And Requirements:**

5. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:
  - VOC: RULE 109
  - VOC: RULE 1130, SEE APPENDIX B FOR EMISSION LIMITS
  - VOC: RULE 1171, SEE APPENDIX B FOR EMISSION LIMITS
  - PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS
  - HAP: 40CFR 63, SUBPART KK, SEE SECTION J FOR REQUIREMENTS

## FACILITY PERMIT TO OPERATE EPSILON PLASTICS INC

### PERMIT TO OPERATE

**Permit No. F94614  
A/N 472946**

#### **Equipment Description:**

PLASTIC BAG MANUFACTURING/PRINTING SYSTEM NO. 10, CONSISTING OF

1. HOPPER.
2. EXTRUDER, BATTENFELD GLOUCESTER, MODEL 80 MM WITH ONE 150-H.P. DRIVE.
3. DIE ASSEMBLY.
4. TOWER ASSEMBLY, WITH ONE 10-H.P. BLOWER.
5. PRIMARY NIP ROLL ASSEMBLY, WITH ONE 1½-H.P. DRIVE.
6. FLEXOGRAPHIC PRINTING PRESS, UTECO, MODEL BLEND A IL 213, 60 INCH WEB WIDTH, TWO-COLOR, WITH ONE 10-H.P. DRIVE.
7. ELECTRIC DRYER, UTECO, 43 KW, WITH ONE 7½-H.P. INTAKE BLOWER AND ONE 7½-H.P. EXHAUST BLOWER.
8. POST GUSSET MECHANISM, BATTENFELD GLOUCESTER, WITH ONE 1-H.P. DRIVE.
9. BAG MACHINE, BATTENFELD GLOUCESTER, MODEL 171-S, WITH ONE 1-H.P. DRIVE.
10. REWIND STATION, BATTENFELD GLOUCESTER, MODEL NO. 117S, WITH ONE 1 H.P. DRIVE.

#### **Conditions:**

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.  
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.  
[RULE 204]
3. ALL PRINTING MATERIALS, INCLUDING INKS AND OTHER VOC-CONTAINING MATERIALS USED AT THIS FACILITY SHALL NOT CONTAIN ANY CARCINOGENIC AIR CONTAMINANTS IDENTIFIED IN RULE 1401, TABLE 1 WITH AN EFFECTIVE DATE OF DECEMBER 7, 1990 OR EARLIER.  
[RULE 1401]

## FACILITY PERMIT TO OPERATE EPSILON PLASTICS INC

4. IN ADDITION TO THE RECORD KEEPING REQUIREMENTS OF RULE 109, THE OPERATOR SHALL KEEP ADEQUATE RECORDS FOR THIS EQUIPMENT TO VERIFY THE FOLLOWING ON DAILY BASIS:
  - A. THE VOC CONTENT OF INKS, REDUCERS, WASH MATERIALS, AND ANY OTHER GRAPHIC ARTS MATERIALS, IN POUNDS PER GALLON AS APPLIED, INCLUDING WATER AND EXEMPT COMPOUNDS.
  - B. THE DAILY VOC EMISSIONS IN POUNDS.  
[RULE 109, 1303(b)(2)-OFFSET]

### **Emissions And Requirements:**

5. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:
  - VOC: RULE 109
  - VOC: RULE 1130, SEE APPENDIX B FOR EMISSION LIMITS
  - VOC: RULE 1171, SEE APPENDIX B FOR EMISSION LIMITS
  - PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS
  - HAP: 40CFR 63, SUBPART KK, SEE SECTION J FOR REQUIREMENTS

## FACILITY PERMIT TO OPERATE EPSILON PLASTICS INC

### PERMIT TO OPERATE

**Permit No. F94615**  
**A/N 472947**

#### **Equipment Description:**

PLASTIC BAG MANUFACTURING/PRINTING SYSTEM NO. 11, CONSISTING OF

1. HOPPER.
2. EXTRUDER, BATTENFELD GLOUCESTER, MODEL 80 MM WITH ONE 150-H.P. DRIVE.
3. DIE ASSEMBLY.
4. TOWER ASSEMBLY, WITH ONE 10-H.P. BLOWER.
5. PRIMARY NIP ROLL ASSEMBLY, WITH ONE 1½-H.P. DRIVE.
6. FLEXOGRAPHIC PRINTING PRESS, UTECO, MODEL NO. BLEND A IL 213, 60 INCH WEB WIDTH, TWO-COLOR, WITH ONE 10-H.P. DRIVE.
7. ELECTRIC DRYER, UTECO, 43 KW, WITH ONE 7½-H.P. INTAKE BLOWER AND ONE 7½-H.P. EXHAUST BLOWER.
8. POST GUSSET MECHANISM, BATTENFELD GLOUCESTER, WITH ONE 1-H.P. DRIVE.
9. BAG MACHINE, BATTENFELD GLOUCESTER, MODEL 171-S, WITH ONE 1-H.P. DRIVE.
10. REWIND STATION, BATTENFELD GLOUCESTER, MODEL NO. 117S, WITH ONE 1 H.P. DRIVE.

#### **Conditions:**

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.  
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.  
[RULE 204]
3. ALL PRINTING MATERIALS, INCLUDING INKS AND OTHER VOC-CONTAINING MATERIALS USED AT THIS FACILITY SHALL NOT CONTAIN ANY CARCINOGENIC AIR CONTAMINANTS IDENTIFIED IN RULE 1401, TABLE 1 WITH AN EFFECTIVE DATE OF DECEMBER 7, 1990 OR EARLIER.  
[RULE 1401]

## FACILITY PERMIT TO OPERATE EPSILON PLASTICS INC

4. IN ADDITION TO THE RECORD KEEPING REQUIREMENTS OF RULE 109, THE OPERATOR SHALL KEEP ADEQUATE RECORDS FOR THIS EQUIPMENT TO VERIFY THE FOLLOWING ON DAILY BASIS:
  - A. THE VOC CONTENT OF INKS, REDUCERS, WASH MATERIALS, AND ANY OTHER GRAPHIC ARTS MATERIALS, IN POUNDS PER GALLON AS APPLIED, INCLUDING WATER AND EXEMPT COMPOUNDS.
  - B. THE DAILY VOC EMISSIONS IN POUNDS.  
[RULE 109, 1303(b)(2)-OFFSET]

### **Emissions And Requirements:**

5. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:
  - VOC: RULE 109
  - VOC: RULE 1130, SEE APPENDIX B FOR EMISSION LIMITS
  - VOC: RULE 1171, SEE APPENDIX B FOR EMISSION LIMITS
  - PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS
  - HAP: 40CFR 63, SUBPART KK, SEE SECTION J FOR REQUIREMENTS

## FACILITY PERMIT TO OPERATE EPSILON PLASTICS INC

### PERMIT TO OPERATE

**Permit No. F94617**  
**A/N 472943**

#### **Equipment Description:**

PLASTIC BAG MANUFACTURING/PRINTING SYSTEM NO. 7, CONSISTING OF

1. HOPPER.
2. EXTRUDER, BATTENFELD GLOUCESTER, MODEL 80 MM WITH ONE 150-H.P. DRIVE.
3. DIE ASSEMBLY.
4. TOWER ASSEMBLY, WITH ONE 10-H.P. BLOWER.
5. PRIMARY NIP ROLL ASSEMBLY, WITH ONE 1½-H.P. DRIVE.
6. FLEXOGRAPHIC PRINTING PRESS, UTECO, MODEL NO. BLENDIA IL 415-160, SERIAL NO. 1007, 60 INCH WEB WIDTH, FOUR-COLOR.
7. ELECTRIC DRYER, UTECO, 43 KW, WITH ONE 7½-H.P. INTAKE BLOWER AND ONE 7½-H.P. EXHAUST BLOWER.
8. POST GUSSET MECHANISM, BATTENFELD GLOUCESTER, WITH ONE 1-H.P. DRIVE.
9. BAG MACHINE, BATTENFELD GLOUCESTER, MODEL 218, WITH ONE 1-H.P. DRIVE.
10. REWIND STATION, BATTENFELD GLOUCESTER, MODEL NO. 117S, WITH ONE 1 H.P. DRIVE.

#### **Conditions:**

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.  
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.  
[RULE 204]
3. IN ADDITION OF RECORD KEEPING REQUIREMENTS OF RULE 109, THE OPERATOR SHALL KEEP ADEQUATE RECORDS FOR THIS EQUIPMENT TO VERIFY THE FOLLOWING ON DAILY BASIS:
  - A. THE VOC CONTENT OF INKS, REDUCERS, WASH MATERIALS, AND ANY OTHER GRAPHIC ARTS MATERIALS, IN POUNDS PER GALLON AS APPLIED, INCLUDING WATER AND EXEMPT COMPOUNDS.

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B. THE DAILY VOC EMISSIONS IN POUNDS.  
[RULE 109, 1303(b)(2)-OFFSET]

**Emissions And Requirements:**

4. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:

VOC: RULE 109  
VOC: RULE 1130, SEE APPENDIX B FOR EMISSION LIMITS  
VOC: RULE 1171, SEE APPENDIX B FOR EMISSION LIMITS  
PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS  
HAP: 40CFR 63, SUBPART KK, SEE SECTION J FOR REQUIREMENTS

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### PERMIT TO CONSTRUCT

**Permit No.**  
**A/N 511637**

#### **Equipment Description:**

PLASTIC BAG MANUFACTURING/PRINTING SYSTEM NO. 12 CONSISTING OF:

1. HOPPER.
2. EXTRUDER.
3. DIE ASSEMBLY.
4. TOWER ASSEMBLY, WITH ONE 15 H.P. BLOWER.
5. PRIMARY NIP ROLL ASSEMBLY.
6. FLEXOGRAPHIC PRINTING PRESS, WOLVERINE, MODEL NO. 31-4, FOUR COLOR, 30" WEB WIDTH.
7. ELECTRIC DRYER, 50 K.W., WITH ONE 5 H.P. INTAKE BLOWER AND ONE 5 H.P. EXHAUST BLOWER.
8. POST GUSSET MECHANISM.
9. BAG MACHINE.
10. REWIND STATION.

#### **Conditions:**

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.  
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.  
[RULE 204]
3. THE TOTAL QUANTITY OF VOLATILE ORGANIC COMPOUND (VOC) EMISSIONS FROM THIS EQUIPMENT SHALL NOT EXCEED 30 POUNDS IN ANY ONE DAY.  
[RULE 1303(b)(2)-OFFSET]

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4. THE VOC CONTENT OF INKS AND COATINGS USED IN THIS EQUIPMENT SHALL NOT EXCEED 1.5 POUNDS PER GALLON AS APPLIED INCLUDING WATER AND EXEMPT SOLVENT.  
[RULE 1303(a)(1)BACT]
5. CLEANUP MATERIALS SHALL NOT CONTAIN VOC.  
[RULE 1303(a)(1)BACT]
6. MATERIALS USED IN THIS EQUIPMENT SHALL NOT CONTAIN ANY TOXIC AIR CONTAMINANTS IDENTIFIED IN RULE 1401, TABLE 1 WITH AN EFFECTIVE DATE OF JUNE 5, 2009 OR EARLIER WITH THE EXCEPTION OF AMMONIA (CAS# 7664-41-7).  
[RULE 1401]
7. IN ADDITION TO THE RECORD KEEPING REQUIREMENTS OF RULE 109, THE OPERATOR SHALL KEEP ADEQUATE RECORDS FOR THIS EQUIPMENT TO VERIFY THE FOLLOWING ON DAILY BASIS:
  - A. THE VOC CONTENT OF INKS, REDUCERS, WASH MATERIALS, AND ANY OTHER GRAPHIC ARTS MATERIALS, IN POUNDS PER GALLON AS APPLIED, INCLUDING WATER AND EXEMPT COMPOUNDS.
  - B. THE PERCENT VOC BY VOLUME OF THE INKS USED IN THIS EQUIPMENT, AS APPLIED, INCLUDING WATER AND EXEMPT COMPOUNDS.
  - C. THE DAILY VOC EMISSIONS IN POUNDS.  
[RULE 109, 1303(b)(2)-OFFSET]

### **Emissions and Requirements:**

8. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:  
  
VOC: RULE 109  
VOC: RULE 1130, SEE APPENDIX B FOR EMISSION LIMITS  
VOC: RULE 1171, SEE APPENDIX B FOR EMISSION LIMITS  
PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS  
HAP: 40CFR 63, SUBPART KK, SEE SECTION J FOR REQUIREMENTS

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### RULE 219 EQUIPMENT

#### Equipment Description:

RULE 219 EXEMPT EQUIPMENT, COATING EQUIPMENT, PORTABLE, ARCHITECTURAL COATINGS.

#### Periodic Monitoring:

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 OF ALL COATINGS CONSISTING OF (a) COATING TYPE, (b) VOC CONTENT AS SUPPLIED IN GRAMS PER LITER (g/l) OF MATERIALS FOR LOW-SOLIDS COATINGS, AND (c) VOC CONTENT AS SUPPLIED IN g/l OF COATING, LESS WATER AND EXEMPT SOLVENT, FOR OTHER COATING.

FOR OTHER 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, AND (c) VOC CONTENT AS APPLIED IN g/l OF COATING, LESS WATER AND EXEMPT SOLVENT, FOR OTHER COATING.

[RULE 3004 (a) (4)]

#### Emissions And Requirements:

2. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATION:

VOC: RULE 1113, SEE APPENDIX B FOR EMISSION LIMITS

VOC: RULE 1171, SEE APPENDIX B FOR EMISSION LIMITS

## **FACILITY PERMIT TO OPERATE EPSILON PLASTICS INC**

### **RULE 219 EQUIPMENT**

**Equipment Description:**

RULE 219 EXEMPT EQUIPMENT, HAND WIPING OPERATIONS.

**Emissions And Requirements:**

1. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATION:

VOC: RULE 1171, SEE APPENDIX B FOR EMISSION LIMITS