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## ENHANCED CONTENT - TABLE OF CONTENTS

<b>Part 458</b>	Carbon Black Manufacturing Point Source Category	458.10 – 458.46
<b>Subpart A</b>	Carbon Black Furnace Process Subcategory	458.10 – 458.16
§ 458.10	Applicability; description of the carbon black furnace process subcategory.	
§ 458.11	Specialized definitions.	
§ 458.12	[Reserved]	
§ 458.13	Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best available technology economically achievable.	
§ 458.14	[Reserved]	
§ 458.15	Standards of performance for new sources.	
§ 458.16	Pretreatment standards for new sources.	
<b>Subpart B</b>	Carbon Black Thermal Process Subcategory	458.20 – 458.26
§ 458.20	Applicability; description of the carbon black thermal process subcategory.	
§ 458.21	Specialized definitions.	
§ 458.22	Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available.	
§ 458.23	Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best available technology economically achievable.	
§ 458.24	[Reserved]	
§ 458.25	Standards of performance for new sources.	
§ 458.26	Pretreatment standards for new sources.	
<b>Subpart C</b>	Carbon Black Channel Process Subcategory	458.30 – 458.36
§ 458.30	Applicability; description of the carbon black channel process subcategory.	
§ 458.31	Specialized definitions.	
§ 458.32	Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available.	
§ 458.33	Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best available technology economically achievable.	
§ 458.34	[Reserved]	
§ 458.35	Standards of performance for new sources.	
§ 458.36	Pretreatment standards for new sources.	
<b>Subpart D</b>	Carbon Black Lamp Process Subcategory	458.40 – 458.46
§ 458.40	Applicability; description of the carbon black lamp process subcategory.	
§ 458.41	Specialized definitions.	
§ 458.42	Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available.	
§ 458.43	Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best available technology economically achievable.	
§ 458.44	[Reserved]	
§ 458.45	Standards of performance for new sources.	
§ 458.46	Pretreatment standards for new sources.	

# Title 40

## PART 458 - CARBON BLACK MANUFACTURING POINT SOURCE CATEGORY

**Authority:** Secs. 301, 304 (b) and (c), 306(b), 307 (b) and (c), Federal Water Pollution Control Act, as amended (33 U.S.C. 1251, 1311, 1314 (b) and (c), 1316(b) and 1317 (b) and (c), 86 Stat. 816 *et seq.*; Pub. L. 92-500) (the Act).

**Source:** 43 FR 1343, Jan. 9, 1978, unless otherwise noted.

## Subpart A - Carbon Black Furnace Process Subcategory

### § 458.10 Applicability; description of the carbon black furnace process subcategory.

The provisions of this subpart are applicable to discharges resulting from the production of carbon black by the furnace process.

### § 458.11 Specialized definitions.

For the purpose of this subpart:

- (a) Except as provided below, the general definitions, abbreviations and methods of analysis set forth in part 401 of this chapter shall apply to this subpart.
- (b) The term “product” shall mean carbon black manufactured by the furnace process.
- (c) The term “process waste water” shall mean waters which result from baghouse operations or thermal quench operations.

### § 458.12 [Reserved]

### § 458.13 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best available technology economically achievable.

The following limitations establish the quantity or quality of pollutants or pollutant properties, controlled by this paragraph, which may be discharged from the carbon black furnace process by a point source subject to the provisions of this subpart after application of the best available technology economically achievable: There shall be no discharge of process waste water pollutants to navigable waters.

### § 458.14 [Reserved]

### § 458.15 Standards of performance for new sources.

The following standards of performance establish the quantity or quality of pollutants or pollutant properties, controlled by this paragraph, which may be discharged from the carbon black furnace process by a new source subject to the provisions of this subpart: There shall be no discharge of process waste water pollutants to navigable waters.

### § 458.16 Pretreatment standards for new sources.

Any new source subject to this subpart that introduces process wastewater pollutants into a publicly owned treatment works must comply with 40 CFR part 403. In addition, the following pretreatment standard establishes the quantity or quality of pollutants or pollutant properties controlled by this section which may be discharged to a publicly owned treatment works by a new source subject to the provisions of this subpart:

Pollutant or pollutant property-Oil and grease.

Pretreatment standard-100mg/liter.

[60 FR 33972, June 29, 1995]

## Subpart B - Carbon Black Thermal Process Subcategory

**§ 458.20 Applicability: description of the carbon black thermal process subcategory.**

The provisions of this subpart are applicable to discharges resulting from the production of carbon black by the thermal process.

**§ 458.21 Specialized definitions.**

For the purpose of this subpart:

- (a) Except as provided below, the general definitions, abbreviations and methods of analysis set forth in part 401 of this chapter shall apply to this subpart.
- (b) The term "product" shall mean carbon black manufactured by the thermal process.
- (c) The term "process waste water" shall mean waters which result from baghouse operations or thermal quench operations.

**§ 458.22 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available.**

Except as provided in §§ 125.30 through 125.32, any existing point source subject to this subpart, shall achieve the following effluent limitations representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available (BPT): There shall be no discharge of process waste water pollutants into navigable waters.

[60 FR 33972, June 29, 1995]

**§ 458.23 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best available technology economically achievable.**

The following limitations establish the quantity or quality of pollutants or pollutant properties, controlled by this paragraph which may be discharged from the carbon black thermal process by a point source subject to the provisions of this subpart after application of the best available technology economically achievable: There shall be no discharge of process waste water pollutants to navigable waters.

**§ 458.24 [Reserved]****§ 458.25 Standards of performance for new sources.**

The following standards of performance establish the quantity or quality of pollutants or pollutant properties, controlled by this paragraph, which may be discharged from the carbon black thermal process by a new source subject to the provisions of this subpart: There shall be no discharge of process waste water pollutants to navigable waters.

**§ 458.26 Pretreatment standards for new sources.**

Any new source subject to this subpart that introduces process wastewater pollutants into a publicly owned treatment works must comply with 40 CFR part 403. In addition, the following pretreatment standard establishes the quantity or quality of pollutants or pollutant properties controlled by this section which may be discharged to a publicly owned treatment works by a new source subject to the provisions of this subpart:

Pollutant or pollutant property-Oil and grease.

Pretreatment standard-100mg/liter.

[60 FR 33972, June 29, 1995]

**Subpart C - Carbon Black Channel Process Subcategory****§ 458.30 Applicability; description of the carbon black channel process subcategory.**

The provisions of this subpart are applicable to discharges resulting from the production of carbon black by the channel process.

### **§ 458.31 Specialized definitions.**

For the purpose of this subpart:

- (a) Except as provided below, the general definitions, abbreviations and methods of analysis set forth in part 401 of this chapter shall apply to this subpart.
- (b) The term “product” shall mean carbon black manufactured by the channel process.

### **§ 458.32 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available.**

Except as provided in §§ 125.30 through 125.32, any existing point source subject to this subpart, shall achieve the following effluent limitations representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available (BPT): There shall be no discharge of process waste water pollutants into navigable waters.

[60 FR 33972, June 29, 1995]

### **§ 458.33 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best available technology economically achievable.**

The following limitations establish the quantity or quality of pollutants or pollutant properties, controlled by this paragraph, which may be discharged from the carbon black channel process by a point source subject to the provisions of this subpart after application of the best available technology economically achievable: There shall be no discharge of process waste water pollutants to navigable waters.

### **§ 458.34 [Reserved]**

### **§ 458.35 Standards of performance for new sources.**

The following standards of performance establish the quantity or quality of pollutants or pollutant properties, controlled by this paragraph, which may be discharged from the carbon black channel process by a new source subject to the provisions of this subpart: There shall be no discharge of process waste water pollutants to navigable waters.

### **§ 458.36 Pretreatment standards for new sources.**

Any new source subject to this subpart that introduces process wastewater pollutants into a publicly owned treatment works must comply with 40 CFR part 403. In addition, the following pretreatment standard establishes the quantity or quality of pollutants or pollutant properties controlled by this section which may be discharged to a publicly owned treatment works by a new source subject to the provisions of this subpart:

Pollutant or pollutant property-Oil and grease.

Pretreatment standard-100mg/liter.

[60 FR 33972, June 29, 1995]

## **Subpart D - Carbon Black Lamp Process Subcategory**

### **§ 458.40 Applicability; description of the carbon black lamp process subcategory.**

The provisions of this subpart are applicable to discharges resulting from the production of carbon black by the lamp process.

### **§ 458.41 Specialized definitions.**

For the purpose of this subpart:

- (a) Except as provided below, the general definitions, abbreviations and methods of analysis set forth in part 401 of this chapter shall apply to this subpart.
- (b) The term “product” shall mean carbon black manufactured by the lamp process.

**§ 458.42 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available.**

Except as provided in §§ 125.30 through 125.32, any existing point source subject to this subpart, shall achieve the following effluent limitations representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available (BPT): There shall be no discharge of process waste water pollutants into navigable waters.

*[60 FR 33972, June 29, 1995]*

**§ 458.43 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best available technology economically achievable.**

The following limitations establish the quantity or quality of pollutants or pollutant properties, controlled by this paragraph, which may be discharged from the carbon black lamp process by a point source subject to the provisions of this subpart after application of the best available technology economically achievable: There shall be no discharge of process waste water pollutants to navigable waters.

**§ 458.44 [Reserved]**

**§ 458.45 Standards of performance for new sources.**

The following standards of performance establish the quantity or quality of pollutants or pollutant properties, controlled by this paragraph, which may be discharged from the carbon black lamp process by a new source subject to the provisions of this subpart: There shall be no discharge of process waste water pollutants to navigable waters.

**§ 458.46 Pretreatment standards for new sources.**

Any new source subject to this subpart that introduces process wastewater pollutants into a publicly owned treatment works must comply with 40 CFR part 403. In addition, the following pretreatment standard establishes the quantity or quality of pollutants or pollutant properties controlled by this section which may be discharged to a publicly owned treatment works by a new source subject to the provisions of this subpart:

Pollutant or pollutant property-Oil and grease.

Pretreatment standard-100mg/liter.

*[60 FR 33972, June 29, 1995]*