

Appendix A

RACT/ BACT Clearinghouse Data Sheets

EPA INFORMATION ON INDUS./COMMER./INSTIT. BOILERS & PROCESS HEATERS 100-
250 mmBtu/hr

Regulation Details

ID/Regulation Name & Industry Sector: RUS-0248 INDUS./COMMER./INSTIT. BOILERS & PROCESS HEATERS

SIC: SEE NOTE **Basis:** MACT
State: US **U.S. EPA Region:** 0
Regulation Status: IN EFFECT
Entry Date: 02/18/2003 **Last Update Date:** 06/27/2005

Agency: OT002 EPA REGION I
Agency Contact: 1 **Phone:** (919) 541-0800

CFR Citation/Regulation No.: 40 CFR PART 63 SUBPART DDDDD

BID Ref.:

BID Title:

NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS FOR INDUSTRIAL, COMMERCIAL, AND INSTITUTIONAL BOILERS AND PROCESS HEATERS, SUMMARY OF PUBLIC COMMENTS AND RESPONSES

On-Line Location of Regulation:

Regulation Effective Date Regulation Effective Legal Ref.

Tech Support Doc. Date: / / **Regulation Propose Date:** 01/13/2003 68 FR 1660
Economic Analysis Date: / / **Promulgation Date:** 09/13/2004 69 FR 55218
Risk Analysis Date: / / **Regulation Effective Date:**
Public Notice Date: / /

RACT EPA INFORMATION FOR RECIPROCATING INTERNAL COMBUSTION ENGINES

Regulation Details

ID/Regulation Name & Industry Sector: RUS-0241 RECIPROCATING INTERNAL COMBUSTION ENGINES

SIC: 4911 **Basis:** MACT
State: US **U.S. EPA Region:** 0
Regulation Status: IN EFFECT
Entry Date: 12/20/2002 **Last Update Date:** 06/23/2005

Agency: OT002 EPA REGION I
Agency Contact: 1 **Phone:** (919) 541-0800

CFR Citation/Regulation No.: 40 CFR PART 63 SUBPART ZZZZ

BID Ref.:

BID Title:

NATIONAL EMISSION STANDARDS FOR STATIONARY RECIPROCATING INTERNAL COMBUSTION ENGINES, SUMMARY OF PUBLIC COMMENTS AND RESPONSES

On-Line Location of Regulation:

Regulation Effective Date

Regulation Effective Legal Ref.

Tech Support Doc. Date: / / **Regulation Propose Date:** 12/19/2002 67 FR 77830

Economic Analysis Date: 11/01/2002 **Promulgation Date:** 06/15/2004 69 FR 33474

Risk Analysis Date: / / **Regulation Effective Date:**

Public Notice Date: / /

Hearing? No

RACT EPA INFORMATION ON LARGE MUNICIPAL WASTE COMBUSTORS

Process Details

Regulation Name/Industry Sector: **LARGE MUNICIPAL WASTE COMBUSTORS (MWC)**

RBLC ID: **RUS-0189**

Process Name/Description: **MWC, MASS BURN WATERWALL AND REFRACTORY, EXISTING**

Throughput / **250 T/D (SEE**
Throughput Unit: **PROC NOTE)**

Process Type **21.400,21.900,21.999**
Codes:

Pollutant List

Pollutant	Primary Emission Limit	Basis
<u>PM</u>	0 SEE P2 NOTE	FIPMACT
<u>NOX</u>	205 PPMV @ 7% OXYGEN	FIPMACT
<u>CO</u>	100 PPMV @ 7% OXYGEN	FIPMACT
<u>DIOXINS/FURANS</u>	60 NG/DSCM @ 7% OXYGEN	FIPMACT
<u>PM</u>	0.012 GR/DSCF @ 7% OXYGEN	FIPMACT
<u>OPACITY</u>	10 % OPACITY	FIPMACT
<u>CD</u>	18 GR/MMDSCF @ 7% OXYGEN	FIPMACT
<u>PB</u>	200 GR/MMDSCF @ 7% OXYGEN	FIPMACT
<u>HG</u>	35 GR/MMDSCF @ 7% OXYGEN	FIPMACT
<u>SO2</u>	29 PPMV @ 7% OXYGEN	FIPMACT
<u>HCL</u>	29 PPMV @ 7% OXYGEN	FIPMACT

Process Notes: **THE FED. PLAN APPLIES TO EXISTING MWC UNIT W/CAPACITIES TO COMBUSTS > 250T/D OF MSW UNLESS THE UNIT IS SUBJECT TO A SECTION 111(D)/129 STATE PLAN THAT AHS BEEN APPROVED BY EPA AND IS CURRENTLY EFFECTIVE. MASS BURN WATERW. IS A FIELD-ERECTED UNIT COMBUSTS MSW IN A WATERWALL FURN. MASS**

**BURN REFRAC. IS A FIELD-EREC. UNIT COMB. MSW IN A REFRAC.
WALL F.**

RACT EPA INFORMATION ON GAS FIRED 10-100 mmBtu/hr BOILERS

Regulation Details

ID/Regulation Name & Industry Sector: RUS-0070 SMALL INDUS-COMMER-INSTITU STEAM GEN UNITS

SIC: 3569 **Basis:** MACT
State: US **U.S. EPA Region:** 0
Regulation Status: IN EFFECT
Entry Date: 06/22/1994 **Last Update Date:** 06/14/2006

Agency: OT002 EPA REGION I
Agency Contact: 1 **Phone:** (919) 541-0800

CFR Citation/Regulation No.: 40 CFR PART 60 SUBPART DC

BID Ref.:
BID Title:
On-Line Location of Regulation:

Regulation Effective Date

Regulation Effective Legal Ref.

Tech Support Doc. Date: / / **Regulation Propose Date:** 06/09/1989
Economic Analysis Date: / / **Promulgation Date:** 09/12/1990 55 FR 37683
Risk Analysis Date: / / **Regulation Effective Date:**
Public Notice Date: / /
Hearing? Yes

40 CFR Part 60 Subpart Dc - Small Industrial-Commercial Institutional Steam Generating Units between 10 and 100 MMBtu/hr for which construction is commenced after 6/9/89. Amended 5/8/1996 (61 FR 20736) to exempt boilers during periods of combustion research. Amended 2/12/1999 (64 FR 7465) to reduce reporting/recordkeeping burden.

RACT EPA INFORMATION ON GREATER THAN 250 mmBtu/hr BOILERS

Regulation Details

ID/Regulation Name & Industry Sector: RUS-0251 COAL- OR OIL-FIRED ELEC. UTILITY STEAM GEN. UNITS

SIC: 4911 **Basis:** NESHAP
State: US **U.S. EPA Region:** 0
Regulation Status: PROPOSED
Entry Date: 03/03/2004 **Last Update Date:** 01/11/2005

Agency: OT002 EPA REGION I
Agency Contact: 1 **Phone:** (919) 541-0800

CFR Citation/Regulation No.: 40 CFR PART 63 SUBPART UUUUU

BID Ref.:
BID Title:
NO BID IS SPECIFIED.
On-Line Location of Regulation:

Regulation Effective Date Regulation Effective Legal Ref.

Tech Support Doc. Date: 02/27/2004 **Regulation Propose Date:** 01/30/2004 69 FR 4665
Economic Analysis Date: 01/28/2004 **Promulgation Date:**
Risk Analysis Date: / / **Regulation Effective Date:**
Public Notice Date: 02/02/2004
Hearing? Yes

RACT EPA INFORMATION ON KRAFT PULP MILLS

Regulation Name/Industry Sector: KRAFT PULP MILLS

RBLC ID: RUS-0013

Process Name/Description: FURNACE, RECOVERY

**Throughput /
Throughput
Unit:**

Pollutant List

**Process Type
Codes:** 30.002,30.211,30.219

Pollutant	Primary Emission Limit	Basis
PM	0.044 GR/DSCF @ 8% O2	MACT
VE	35 % OPACITY	MACT
TRS	5 PPM @ 8% O2	MACT
TRS	25 PPM @ 8% O2	MACT

Process CONTROL COSTS FOR ESP/DIRECT CONTACT RECOVERY FURNACE, PLANT CAPACITY

Notes: 1000 TON/DAY AIR DRIED PULP. ANNUAL PRODUCT RECOVERY CREDIT \$1,784,000

RACT EPA INFORMATION ON LARGE HOSPITAL MEDICAL WASTE INCINERATORS

Process Details

Regulation Name/Industry Sector: HOSPITAL/MEDICAL/INFECTIOUS WASTE INCINERATORS

RBLC ID: RUS-0190

Process Name/Description: HOSPITAL/MEDICAL/INFECTIOUS WASTE INCINE., LARGE

Throughput / 500 LB/H
Throughput Unit: (SEE PROC
 NOTE)

Process Type
Codes: 21.300

Pollutant List

Pollutant	Primary Emission Limit	Basis
NOX	250 PPMV @ 7% OXYGEN	FIPMACT
PB	1.2 MG/DSCM @ 7% OXYGEN	FIPMACT
CD	0.16 MG/DSCM @ 7% OXYGEN	FIPMACT
HG	0.55 MG/DSCM @ 7% OXYGEN	FIPMACT
SO2	55 PPMV @ 7% OXYGEN	FIPMACT
PM	34 MG/DSCM @ 7% OXYGEN	FIPMACT
OPACITY	10 % OPACITY	FIPMACT
CO	40 PPMV @ 7% OXYGEN	FIPMACT
DIOXINS/FURANS	125 NG/DSCM @ 7% OXYGEN	FIPMACT
HCL	100 PPMV @ 7% OXYGEN	FIPMACT

Process Notes: HMIWI W/MAX DESIGN WASTE BURNING CAPACITY >50 LB/H; OR CONTINUOUS OR INTERMITTENT HMIWI W/MAX CHARGE RATE >500 LB/H; OR BATCH HMIWI W/MAX CHARGE RATE >4,000 LB/D ARE SUBJECTED TO THIS SUBPART. GOOD COMBUSTION PRACTICE (GCP) IS REQUIRED.

RACT EPA INFORMATION ON PAPER COATING

Regulation Name/Industry Sector: PAPER SURFACE COATING

RBLC ID: RUS-0141

Process Name/Description: PAPER COATING LINE

**Throughput /
Throughput Unit:**

**Process Type
Codes:** 41.018

Pollutant List

Pollutant	Primary Emission Limit	Basis
VOC	0.35 KG/L COATING MINUS WATER	CTG

Process INCLUDES ALL COATINGS PUT ON PAPER, PRESSURE SENSITIVE TAPES REGARDLES OF
Notes: SUBSTRATE (INCL. PAPER, FABRIC OR PLASTIC FILM) AND RELATED WEB COATING
PROCESSES ON PLASTIC FILM SUCH AS TYPEWRITER RIBBONS, PHOTOGRAPHIC FILM,
AND MAGNETIC TAPE; DECORATIVE COATINGS ON METAL FOIL SUCH AS GIFT WRAP
AND PACKAGING.

RACT EPA INFORMATION ON SOLVENT EXTRACTION FOR VEGETABLE OIL PRODUCTION

Regulation Name/Industry Sector: SOLVENT EXTRACTION FOR VEGETABLE OIL PRODUCTION

RBLC ID: RUS-0196

Process Name/Description: CORN GERM DRY MILLING (EXISTING & NEW)

**Throughput /
Throughput Unit:**
Process Type Codes: 70.300,70.320

Pollutant List

Pollutant	Primary Emission Limit	Basis
HAP	1 COMPLIANCE RATIO	MACT

Process CORN GERM DRY MILLING MEANS A SOURCE THAT PROCESSES CORN GERM
Notes: THAT HAS BEEN SEPARATED FROM THE OTHER CORN COMPONENTS USING A DRY PROCESS OF MECHANICAL CHAFING AND AIR SIFTING. IF THE COMPLIANCE RATIO ≤ 1 , THEN SOURCE WAS IN COMPLIANCE FOR THE PREVIOUS OPERATING MONTH. COMPLIANCE RATIO IS CALCULATED BY USING OILSEED SOLVENT LOSS FACTORS, THE WEIGHTED AVERAGE VOLUME FRACTION OF HAP IN SOLVENT AND THE TONS OF EACH TYPE OF LISTED OILSEED PROCESSED. OILSEED SOLVENT LOSS FACTOR FOR THIS PROCESS IS 0.7 GAL/T.

RACT EPA INFORMATION ON SOLVENT EXTRACTION FOR VEGETABLE OIL PRODUCTION

Regulation Name/Industry Sector: SOLVENT EXTRACTION FOR VEGETABLE OIL PRODUCTION

RBLC ID: RUS-0196

Process Name/Description: CORN GERM DRY MILLING (EXISTING & NEW)

**Throughput /
Throughput Unit:**
Process Type Codes: 70.300,70.320

Pollutant List

Pollutant	Primary Emission Limit	Basis
HAP	1 COMPLIANCE RATIO	MACT

Process CORN GERM DRY MILLING MEANS A SOURCE THAT PROCESSES CORN GERM
Notes: THAT HAS BEEN SEPARATED FROM THE OTHER CORN COMPONENTS USING A DRY PROCESS OF MECHANICAL CHAFING AND AIR SIFTING. IF THE COMPLIANCE RATIO ≤ 1 , THEN SOURCE WAS IN COMPLIANCE FOR THE PREVIOUS OPERATING MONTH. COMPLIANCE RATIO IS CALCULATED BY USING OILSEED SOLVENT LOSS FACTORS, THE WEIGHTED AVERAGE VOLUME FRACTION OF HAP IN SOLVENT AND THE TONS OF EACH TYPE OF LISTED OILSEED PROCESSED. OILSEED SOLVENT LOSS FACTOR FOR THIS PROCESS IS 0.7 GAL/T.

RACT EPA INFORMATION ON PORTLAND CEMENT PLANTS

Regulation Name/Industry Sector: PORTLAND CEMENT PLANTS

RBLC ID: RUS-0011

Process Name/Description: KILN

**Throughput /
Throughput
Unit:**

Pollutant List

**Process Type
Codes:** 90.028

Pollutant	Primary Emission Limit	Basis
PM	0.3 LB/TON	NSPS
VE	20 % OPACITY	NSPS

Process Notes: