

**CLARK COUNTY
DEPARTMENT OF AIR QUALITY AND
ENVIRONMENTAL MANAGEMENT**

500 South Grand Central Parkway, Box 555210, Las Vegas, Nevada 89155

**Part 70 Operating Permit
Source: 257**

Issued in accordance with the
Clark County Air Quality Regulations (AQR)

**ISSUED TO: HARRAH'S OPERATING COMPANY, INC.
HARRAH'S CONSOLIDATED PROPERTIES**

SOURCE LOCATIONS:

Harrah's Las Vegas, 3475 Las Vegas Blvd. South
Flamingo Las Vegas, 3555 Las Vegas Blvd. South
Bally's Las Vegas, 3645 Las Vegas Blvd. South
Bill's Gamblin' Hall & Saloon, 3595 Las Vegas Blvd. South
Caesar's Palace, 3570 Las Vegas Blvd. South
Paris Casino Resort, 3655 Las Vegas Blvd. South
Imperial Palace, 3535 Las Vegas Blvd. South, Las Vegas, NV 89109
T21S, R61E, Sections 16, 17 & 21
Hydrographic Basin Number: 212

SOURCE ADDRESS:

One Caesars Palace Drive
Las Vegas, NV 89109

NATURE OF BUSINESS:

SIC Code 7011: Hotels and Motels
NAICS 721120: Casino Hotels

RESPONSIBLE OFFICIAL:

Name: Tom Jenkin
Title: President, Western Division, Harrah's Entertainment, Inc.
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Fax Number: (702) 407-6079

Permit Issuance Date: Date

Expiration Date: Date

**ISSUED BY: CLARK COUNTY DEPARTMENT OF AIR QUALITY AND ENVIRONMENTAL
MANAGEMENT**

Tina Gingras
Assistant Director, Clark County DAQEM

EXECUTIVE SUMMARY

Harrah's Operating Group, Inc. (HOC), is a major source for NO_x, synthetic minor for CO, and minor source for PM₁₀, SO_x, VOC and HAP. The source is located on One Caesar's Palace Drive, Las Vegas, Nevada in the Las Vegas Valley airshed, hydrographic basin number 212. Hydrographic basin 212 is basic nonattainment for CO, PM₁₀, and ozone, and PSD for all other regulated air pollutants. The HOC owns and operates several adjacent and continuous hotels and casinos grouped under single SIC 7011: Hotels and Motels (NAICS 721120: Casino Hotels). The source is currently operating seven facilities: Harrah's Las Vegas, Flamingo Las Vegas, Bally's Las Vegas, Bill's Gamblin' Hall & Saloon, Caesar's Palace, Paris Casino Resort and Imperial Palace. This is an initial Part 70 Operating Permit for this source.

The following table summarizes the potential to emit (PTE) for each regulated air pollutant:

PM ₁₀	NO _x	CO	SO _x	VOC	HAP	NH ₃
37.32	83.50	65.47	1.80	22.76	9.95	37.32

All general and specific conditions in the permit are federally enforceable unless explicitly denoted otherwise [AQR 19.4.2].

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I. ACRONYMS

Table I-1: List of Acronyms

Acronym	Term
AQR	Clark County Air Quality Regulations
AST	Aboveground Storage Tank
ATC	Authority to Construct
ATC/OP	Authority to Construct/Operating Permit
Bhp	Brake Horsepower
BCC	Clark County Board of County Commissioners
CAO	Field Corrective Action Order
CARB	California Air Resources Board
CE	Control Efficiency
CEM	Continuous Emissions Monitoring System
CF	Control Factor
CFR	United States Code of Federal Regulations
CO	Carbon Monoxide
CPI	Urban Consumer Price Index
DAQEM	Clark County Department of Air Quality & Environmental Management
DEM	Digital Elevation Model
EF	Emission Factor
EO	Executive Order
EPA	United States Environmental Protection Agency
EU	Emission Unit
EVR	Enhanced Vapor Recovery
GDO	Gasoline Dispensing Operation
HAP	Hazardous Air Pollutant
HP	Horse Power
MMBtu	Millions of British Thermal Units
NAC	Nevada Administrative Code
NEI	Net Emission Increase
NO _x	Nitrogen Oxides
NOV	Notice of Violation
NRS	Nevada Revised Statutes
NSPS	New Source Performance Standards
NSR	New Source Review
OP	Operating Permit
PM ₁₀	Particulate Matter less than 10 microns
ppm	Parts per Million
PSD	Prevention of Significant Deterioration
PTE	Potential to Emit
RVP	Reid Vapor Pressure
scf	Standard Cubic Feet
SIP	State Implementation Plan
SO _x	Sulfur Oxides
TCS	Toxic Chemical Substance
TSD	Technical Support Document
UST	Underground Storage Tank
USGS	United States Geological Survey
UTM	Universal Transverse Mercator
VOC	Volatile Organic Compound

II. GENERAL CONDITIONS

A. GENERAL REQUIREMENTS

1. The Permittee shall comply with all terms and conditions of this permit. Any permit noncompliance constitutes a violation of the Clean Air Act (Act) and is grounds for enforcement action; for permit termination, revocation and reissuance or modification; or for denial of a permit renewal application. *[AQR 19.4.1.6.a]*
2. If any term or condition of this permit becomes invalid as a result of a challenge to a portion of this permit, the other terms and conditions of this permit shall not be affected and shall remain valid. *[AQR 19.4.1.5]*
3. The Permittee shall pay all permit fees pursuant to AQR Section 18. Failure to pay Part 70 permit fees may result in citations or suspensions or revocation of the Part 70 Permit. *[AQR 19.4.1.7]*
4. The permit does not convey any property rights of any sort, or any exclusive privilege. *[AQR 19.4.1.6.d]*
5. The Permittee shall not hinder, obstruct, delay, resist, interfere with, or attempt to interfere with the Control Officer, or any individual to whom authority has been duly delegated for the performance of any duty by the AQR. *[AQR 5.1]*
6. The Permittee owning, operating, or in control of any equipment or property who shall cause, permit, or participate in any violation of the AQR shall be individually and collectively liable to any penalty or punishment imposed by and under the AQR. *[AQR 8.1]*
7. The Permittee shall continue to comply with applicable requirements for which the Permittee is in compliance. *[AQR 19.3.3.8.b]*
8. Any Permittee who fails to submit any relevant facts or who has submitted incorrect information in a permit application shall, upon becoming aware of such failure or incorrect submittal, promptly submit such supplementary facts or corrected information. *[AQR 19.3.2]*
9. The Permittee may request confidential treatment of any records in accordance with AQR Section 19. Emission data, standards or limitations [all terms as defined in 40 CFR 2.301(a)] or other information as specified in 40 CFR 2.301 shall not be considered eligible for confidential treatment. The Administrator and the Control Officer shall each retain the authority to determine whether information is eligible for confidential treatment on a case-by-case basis. *[AQR 19.3.1.3 and 40 CFR 2.301]*

B. MODIFICATION, REVISION, RENEWAL REQUIREMENTS

1. The Permittee shall not make a modification, as defined in AQR Section 0, to the existing source prior to receiving an Authority to Construct (ATC) from the Control Officer. *[AQR 12.1.1.1]*
2. The permit may be modified, revoked, reopened and reissued, or terminated for cause. The filing of a request by the Permittee for the permit modification, revocation, reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any permit condition. *[AQR 19.4.1.6.c]*

3. Any request for a permit modification must comply with the requirements of AQR Section 19. [AQR 19.5.5.1]
4. The Permittee shall not build, erect, install or use any article, machine, equipment or process, the use of which conceals an emission, which would otherwise constitute a violation of an applicable requirement. [AQR 80.1 and 40 CFR 60.12]
5. No permit revisions shall be required under any approved economic incentives, marketable permits, emissions trading and other similar programs or processes for changes that are provided for in the permit, provided the Source conforms to the applicable requirements of AQR Sections 12 and 58. [AQR 19.4.1.11]
6. For purposes of permit renewal, the Permittee shall submit a timely and complete application. A timely application is one submitted between six (6) months and 18 months prior to the date of permit expiration. [AQR 19.3.1.1.c]
7. Permit expiration terminates the Permittee's right to operate unless a timely and complete renewal application has been submitted consistent with AQR Subsections 19.3.1.1.c and 19.5.2 in which case the permit shall not expire and all terms and conditions of the permit shall remain in effect until the renewal permit has been issued or denied. [AQR 19.5.3.2]

C. REPORTING/NOTIFICATIONS/PROVIDING INFORMATION REQUIREMENTS

1. The Permittee shall furnish to the Control Officer, within a reasonable time, any information that the Control Officer may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit or to determine compliance with the permit. Upon request, the Permittee shall also furnish to the Control Officer copies of records required to be kept by the permit or, for information claimed to be confidential, the Permittee may furnish such records directly to the Administrator along with a claim of confidentiality. [AQR 19.4.1.6.e]
2. The Permittee shall allow the Control Officer or an authorized representative, upon presentation of credentials:
 - a. entry upon the Permittee's premises where the source is located, or emissions-related activity is conducted, or where records must be kept under the conditions of the permit;
 - b. access to inspect and copy, at reasonable times, any records that must be kept under conditions of the permit;
 - c. access to 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. access to sample or monitor, at reasonable times, substances or parameters for the purpose of assuring compliance with the permit or applicable requirements. [AQR 4.3 and 19.4.3.2]
3. Upon request of the Control Officer, the Permittee shall provide such information or analyses as will disclose the nature, extent, quantity or degree of air contaminants which are or may be discharged by such source, and type or nature of control equipment in use, and such disclosures be certified by a professional engineer registered in the state. In addition to such report, the Control Officer may designate an authorized agent to make an independent study and report as to the nature, extent, quantity or degree of any air contaminants which are or may be discharged from source. An authorized agent

so designated is authorized to inspect any article, machine, equipment, or other contrivance necessary to make the inspection and report. [AQR 4.4]

D. COMPLIANCE REQUIREMENTS

1. The Permittee shall not use as a defense in an enforcement action that it would have been necessary to halt or reduce the permitted activity to maintain compliance with the terms and conditions of this permit. [AQR 19.4.1.6.b]
2. Any person who violates any provision of this operating permit, including, but not limited to, any application requirement; any permit condition; any fee or filing requirement; any duty to allow or carry out inspection, entry or monitoring activities or any requirements by DAQEM is guilty of a civil offense and shall pay civil penalty levied by the Air Pollution Control Hearing Board/Hearing Officer of not more than \$10,000. Each day of violation constitutes a separate offense. [AQR 9.1]
3. Any person aggrieved by an order issued pursuant to AQR 9.1 is entitled to review as provided in Chapter 233B of Nevada Revised Statutes (NRS). [AQR 9.12]
4. The Permittee shall comply with the requirements of 40 CFR 61, Subpart M, of the National Emission Standard for Asbestos for all demolition and renovation projects. [AQR 13.1.7]
5. Requirements for compliance certification with terms and conditions contained in the operating permit, including emission limitations, standards, or work practices, are as follows:
 - a. the Permittee shall submit compliance certifications annually in writing to the Control Officer (500 Grand Central Parkway, Box 555210, Las Vegas, NV 89155) and the Administrator at USEPA Region IX (Director, Air and Toxics Divisions, 75 Hawthorne St., San Francisco, CA 94105). A compliance certification for the previous calendar year will be due on January 30 of each year;
 - b. compliance shall be determined in accordance with the requirements detailed in AQR 19.4.1.3, record of periodic monitoring, or any credible evidence; and
 - c. the compliance certification shall include:
 - i. identification of each term or condition of the permit that is the basis of the certification;
 - ii. the Permittee's compliance status and whether compliance was continuous or intermittent;
 - iii. methods used in determining the compliance status of the source currently and over the reporting period consistent with Subsection 19.4.1.3; and
 - iv. other specific information required by the Control Officer to determine the compliance status of the source. [AQR 19.4.3.5]
6. The Permittee shall promptly report to the Control Officer (500 Grand Central Parkway, Box 555210, Las Vegas, NV 89155) deviations from permit requirements as soon as practicable but not to exceed ten (10) calendar days of the deviation, including those attributable to upset conditions. Such reporting shall include the probable cause of such deviations and any corrective actions or preventative measures taken. [AQR 19.4.1.3]
7. The Permittee shall report to the Control Officer any upset, breakdown, malfunction or emergency, as defined in Section 0, which cause emissions of regulated air pollutants in excess of any limits set by regulation or by this permit, within one (1) hour of the onset of

the event. This report shall be communicated by phone (702) 455-5942, or by fax (702) 383-9994. [AQR 25.2]

8. The Permittee shall include a certification of truth, accuracy, and completeness by a responsible official when submitting any application form, report, or compliance certification pursuant to this operating permit. This certification and any other certification required shall state, "Based on the information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete." This statement shall be followed by the signature and printed name of the responsible official certifying compliance and the date of signature. [AQR 19.3.4]

E. PERFORMANCE TESTING REQUIREMENTS

1. Upon request of the Control Officer, the Permittee shall test or have tests performed to determine the emissions of air contaminants from any source whenever the Control Officer has reason to believe that an emission in excess of that allowed by the DAQEM regulations is occurring. The Control Officer may specify testing methods to be used in accordance with good professional practice. The Control Officer may observe the testing. All tests shall be conducted by reputable, qualified personnel. The Control Officer (500 Grand Central Parkway, Box 555210, Las Vegas, NV 89155) shall be given a copy of the test results in writing and signed by the person responsible for the tests. [AQR 4.5]
2. Upon request of the Control Officer, the Permittee shall provide necessary holes in stacks or ducts and such other safe and proper sampling and testing facilities, exclusive of instruments and sensing devices, as may be necessary for proper determination of the emission of air contaminants. [AQR 4.6]
3. The Permittee shall submit for approval a performance testing protocol which contains testing, reporting, and notification schedules, test protocols, and anticipated test dates to the Control Officer (500 Grand Central Parkway, Box 555210, Las Vegas, NV 89155) and to the Enforcement Office of the US EPA, Region IX (Director, Air and Toxics Divisions, 75 Hawthorne St., San Francisco, CA 94105), not less than 45 or more than 90 days prior to the anticipated date of the performance test. [AQR 12.8 and AQR 19.4.1.3]
4. The Administrator shall consider approving the Permittee's request for alternative performance test methods if proposed in writing in the performance test protocols. [AQR 12.8 and AQR 19.4.1.3]
5. The Permittee shall submit a report describing the results of the performance test to the Control Officer within 60 days from the end of the performance test. [AQR 12.8 and AQR 19.4.1.3]
6. Pursuant to AQR Section 10, the Permittee of any stationary source or emission unit that fails to demonstrate compliance with the emissions standards or limitations during any subsequent performance test shall submit a compliance plan to the Control Officer within 90 days from the end of the performance test. [AQR 12.8 and AQR 19.4.1.3]
7. Additional performance testing may be required by the Control Officer. [AQR 19.4.1.3]

III. SOURCE-WIDE POTENTIAL TO EMIT (PTE) SUMMARY

[Authority for all values, limits, and conditions in this section: NSR ATC 257, Modification 12, Revision 0, (06/22/2009)]

1. Harrah's Operating Company, Inc. is a major source for NO_x, a synthetic minor source for CO, and a minor source for PM₁₀, SO_x, VOC, HAP:

Table III-1: Source-wide PTE (tons per year)

Pollutant	PM ₁₀	NO _x	CO	SO _x	VOC	HAP
Source Total	37.32	83.50	65.47	1.80	22.76	9.95
Major Source Thresholds	70	50	70	70	50	25¹

¹25 tons for combination of all HAPs (no single HAP exceeds 10 tons).

2. The units or activities listed in Table III-2 of this permit are present at this source, but are categorically exempt pursuant to AQR Section 12. The emissions from these units or activities, when added to the PTE of the source, do not contribute to making the source major for any pollutant other than NO_x.

Table III-2: Summary of Categorically Exempt EU or Activities

Emission Unit Description	Facility
Raypak Pool Heater, 0.726 MMBtu/hr (EU: HA22)	Harrah's Las Vegas
Diesel aboveground storage tank, 2,933 gallons	Harrah's Las Vegas
Diesel aboveground storage tank, 1,000 gallons	Harrah's Las Vegas
Diesel aboveground storage tank, 25 gallons	Harrah's Las Vegas
Diesel aboveground storage tank, 25 gallons	Harrah's Las Vegas
Diesel aboveground storage tank, 25 gallons	Harrah's Las Vegas
Diesel aboveground storage tank, 25 gallons	Harrah's Las Vegas
Diesel aboveground storage tank, 50 gallons	Harrah's Las Vegas
Diesel aboveground storage tank, 50 gallons	Harrah's Las Vegas
Diesel aboveground storage tank, 266 gallons	Harrah's Las Vegas
Diesel aboveground storage tank, 572 gallons	Harrah's Las Vegas
Diesel underground storage tank, 8,000 gallons	Flamingo Las Vegas
Diesel underground storage tank, 2,500 gallons	Flamingo Las Vegas
Diesel underground storage tank, 1,000 gallons	Flamingo Las Vegas
Diesel aboveground storage tank, 12,100 gallons	Bally's Las Vegas
Diesel underground storage tank, 2,000 gallons	Bally's Las Vegas
Cincinnati Fan and Ventilator Company, Inc., Dust Master Model 100S	Bally's Las Vegas
Cincinnati Fan and Ventilator Company, Inc., Dust Master Model 100S	Bally's Las Vegas
Cincinnati Fan and Ventilator Company, Inc., Dust Master Model 100S	Bally's Las Vegas
Cincinnati Fan and Ventilator Company, Inc., Dust Master Model 100S	Bally's Las Vegas
Cincinnati Fan and Ventilator Company, Inc., Dust Master Model 100S	Bally's Las Vegas
AO Smith Boiler, Natural Gas, 0.960 MMBtu/hr, M/N: DW960, S/N: 4118	Bill's Gamblin' Hall & Saloon
AO Smith Boiler, Natural Gas, 0.960 MMBtu/hr, M/N: DW960, S/N: 4604	Bill's Gamblin' Hall & Saloon
AO Smith Boiler, Natural Gas, 0.960 MMBtu/hr, M/N: DW960S126, S/N: H0613496	Bill's Gamblin' Hall & Saloon
AO Smith Boiler, Natural Gas, 0.660 MMBtu/hr, M/N: HW670974, S/N: D0402405	Bill's Gamblin' Hall & Saloon
Diesel underground storage tank, 6,000 gallons	Bill's Gamblin' Hall & Saloon
Pentair Pool Heater, MasterTemp MT400NAASME, 0.4 MMBtu/hr, M/N: 4607755, S/N: 07W037	Caesar's Palace

Emission Unit Description	Facility
Pentair Pool Heater, MasterTemp MT400NAASME, 0.4 MMBtu/hr, M/N: 4607755, S/N: 08W327	Caesar's Palace
Diesel aboveground storage tank, 2,000 gallons	Caesar's Palace
Diesel aboveground storage tank, 2,000 gallons	Caesar's Palace
Diesel aboveground storage tank, 2,000 gallons	Caesar's Palace
Diesel aboveground storage tank, 1,850 gallons	Caesar's Palace
Diesel aboveground storage tank, 1,350 gallons	Caesar's Palace
Diesel aboveground storage tank, 500 gallons	Caesar's Palace
AO Smith Master Fit Boiler, Natural Gas, 0.399 MMBtu/hr, M/N: BTR400A-110, S/N: LJ02-1950082110	Paris Casino Resort
AO Smith Master Fit Boiler, Natural Gas, 0.399 MMBtu/hr, M/N: BTR400A-110, S/N: LJ02-1950085110	Paris Casino Resort
One State Sandblaster Boiler, Natural Gas, 0.199 MMBtu/hr, M/N: SBD100199NES, S/N: D06M000271	Paris Casino Resort
Diesel underground storage tank, 6,000 gallons	Paris Casino Resort
Diesel aboveground storage tank, 200 gallons	Imperial Palace
Diesel aboveground storage tank, 275 gallons	Imperial Palace
Diesel aboveground storage tank, 275 gallons	Imperial Palace
Diesel aboveground storage tank, 300 gallons	Imperial Palace
Diesel aboveground storage tank, 400 gallons	Imperial Palace
Diesel aboveground storage tank, 650 gallons	Imperial Palace

IV. EMISSION UNITS AND APPLICABLE REQUIREMENTS

[Authority for all values, limits, and conditions in this section: NSR ATC 257, Modification 12, Revision 0, (06/22/2009)]

A. HARRAH'S LAS VEGAS

1. Emission Units

Table IV-A-1: Summary of Emission Units (EU) – Harrah's Las Vegas

EU	Description	SCC
HA06	Bryan Boiler, 4.50 MMBtu/hr, M/N: RV450-S-150-FDG; S/N: 66726 (#5)	10300602
HA07	Bryan Boiler, 9.0 MMBtu/hr, M/N: LM900-S-15-FDG, S/N: 66665 (#4)	10300602
HA08	Cleaver Brooks Boiler, 8.369 MMBtu/hr, M/N: CB.200-200; S/N: L-70272; (#1)	10300602
HA09	Cleaver Brooks Boiler, 8.369 MMBtu/hr, M/N: CB.200-200; S/N: L-70271; (#2)	10300602
HA10	Cleaver Brooks Boiler, 8.369 MMBtu/hr, M/N: CB.200-200; S/N: L-70270; (#3)	10300602
HA11	Universal Energy Boiler, 4.80 MMBtu/hr, M/N: BF108C; S/N: 10341-1; (#6)	10300602
HA12	Caterpillar Emergency Diesel Fire Pump, M/N: 3406BD1, S/N: 6TB06046, 276 kW, 370 hp	20200102
HA13	Detroit Diesel Generator; M/N: 81637416, S/N: 2A98775, 800 kW, 1,232 hp	20200102
HA14	Caterpillar Emergency Diesel Generator; MN: 3412, S/N: 81Z09924.0, 600 kW, 890 hp	20200102
HA15	Detroit Diesel Generator; M/N: 71237305, S/N: 12VA069124, 400 kW, 536 hp	20200102
HA16	Detroit Diesel Generator; M/N: 71237305, S/N: 12VA069593, 400 kW, 536 hp	20200102
HA17	Detroit Diesel Generator; M/N: 71237305, S/N: 12VA066655, 400 kW, 536 hp	20200102
HA18	Caterpillar Emergency Diesel Generator; M/N: 3412; S/N: 2WJ00740, 880 kW, 1,180 hp	20200102
HA19	Baltimore Aircoil Company Series 3000 Cooling Tower, M/N: 3685-2W, S/N: 96201566, 7,200 gpm, 2,520 ppm TDS, 0.005% Drift Loss	38500102

EU	Description	SCC
HA20	Baltimore Aircoil Company Series 3000 Cooling Tower, M/N: 3685-2W, S/N: 96201567, 7,200 gpm, 2,520 ppm TDS, 0.005% Drift Loss	38500102
HA21	Baltimore Aircoil Company Series 3000 Cooling Tower, M/N: 3685-2W, S/N: 96201568, 7,200 gpm, 2,520 ppm TDS, 0.005% Drift Loss	38500102
HA23	Global Finishing Solutions Spray Paint Booth, M/N: FP10812.100	40200101
HA24	John Deere Emergency Diesel Generator, M/N: 6081AF001, S/N: RG6081A159143, 180 kW, 305 hp	20200102
HA25	Murphy-Rogers dust collector, Model MRM-12-4D(42B), S/N: 1839	30700808

2. Emission Limitations

- a. Neither the actual nor the allowable emissions from the individual emission units outlined in Table IV-A-2 shall exceed the calculated PTE:

Table IV-A-2: PTE (tons per year) - Harrah's Las Vegas

EU	Rating	Conditions	PM ₁₀	NO _x	CO	SO _x	VOC	HAP
HA06	4.50 MMBtu/hr	8,760 hr/yr	0.15	0.22	0.73	0.01	0.11	0.04
HA07	9.0 MMBtu/hr	6,000 hr/yr	0.20	0.99	1.00	0.02	0.15	0.05
HA08	8.369 MMBtu/hr	20,000 hr/yr	0.63	1.22	3.10	0.05	0.45	0.16
HA09	8.369 MMBtu/hr							
HA10	8.369 MMBtu/hr							
HA11	4.80 MMBtu/hr	5,000 hr/yr	0.09	0.44	0.45	0.01	0.06	0.02
HA12	370 hp, 276 kW	36.0 hr/yr	0.01	0.21	0.04	0.01	0.02	0.01
HA13	1,232 hp, 800 kW	36.0 hr/yr	0.02	0.53	0.12	0.01	0.02	0.01
HA14	890 hp, 600 kW	36.0 hr/yr	0.01	0.38	0.09	0.01	0.01	0.01
HA15	536 hp, 400 kW	36.0 hr/yr	0.02	0.30	0.06	0.02	0.02	0.01
HA16	536 hp, 400 kW	36.0 hr/yr	0.02	0.30	0.06	0.02	0.02	0.01
HA17	536 hp, 400 kW	36.0 hr/yr	0.02	0.30	0.06	0.02	0.02	0.01
HA18	1,180 hp, 880 kW	36.0 hr/yr	0.01	0.51	0.12	0.01	0.01	0.01
HA19	7,200 gal/min	8,760 hr/yr	0.94	0.00	0.00	0.00	0.00	0.00
HA20	7,200 gal/min	8,760 hr/yr	0.94	0.00	0.00	0.00	0.00	0.00
HA21	7,200 gal/min	8,760 hr/yr	0.94	0.00	0.00	0.00	0.00	0.00
HA23	1.68 lbs/gal VOC	395.0 gal/yr	0.00	0.00	0.00	0.00	1.81	1.15
HA24	305 hp, 180 kW	36.0 hr/yr	0.01	0.17	0.04	0.01	0.01	0.01
HA25	3,900 cfm	2,080 hr/yr	0.70	0.00	0.00	0.00	0.00	0.00

- b. The Permittee shall not discharge into the atmosphere, from any emission unit, any air contaminant in excess of an average of 20 percent opacity for a period of more than 6 consecutive minutes, when viewed in accordance with EPA Method 9.

3. Production Limitations

- a. The Permittee shall limit operation of the 9.0 MMBtu/hr Bryan boiler to 6,000 hours per year (EU: HA07).
- b. The Permittee shall limit operation of the three 8.369 MMBtu/hr Cleaver Brooks boilers to 24.0 hours per day each and cumulative as a group to 20,000 hours a year (EUs: HA08, HA09, and HA10).
- c. The Permittee shall limit operation of the 4.80 MMBtu/hr Universal Energy boiler to 5,000 hour per year (EU: HA11).

- d. The Permittee shall install fuel meters to verify the actual fuel usage and actual heat inputs on each boiler that is not limited to operate 8,760 hours per year (EUs: HA07, through HA11, inclusive).
- e. The Permittee shall limit operation of the 370 hp Caterpillar emergency diesel fire pump to 2.0 hours per day and 36.0 hours per year for testing and maintenance purposes only. There is no limitation for operating during emergencies (EU: HA12).
- f. The Permittee shall limit operation of the 1,232 hp Detroit emergency diesel generator to 2.0 hours per day and 36.0 hours per year for testing and maintenance purposes only. There is no limitation for operating during emergencies (EU: HA13).
- g. The Permittee shall limit operation of the 890 hp Caterpillar emergency diesel generator to 2.0 hours per day and 36.0 hours per year for testing and maintenance purposes only. There is no limitation for operating during emergencies (EU: HA14).
- h. The Permittee shall limit operation of each of the three 536 hp Detroit emergency diesel generators to 2.0 hours per day and 36.0 hours per year for testing and maintenance purposes only. There is no limitation for operating during emergencies (EU: HA15 through HA17, inclusive).
- i. The Permittee shall limit operation of the 1,180 hp Caterpillar emergency diesel generator to 2.0 hours per day and 36.0 hours per year for testing and maintenance purposes only. There is no limitation for operating during emergencies (EU: HA18).
- j. The Permittee shall limit operation of the 305 hp John Deere emergency diesel generator to 2.0 hours per day and 36.0 hours per year for testing and maintenance purposes only. There is no limitation for operating during emergencies (EU: HA24).
- k. The Permittee shall limit the consumption of VOC- and HAP-containing paints, lacquers, thinners, solvents, etc. for surface coating purposes at the Harrah's Las Vegas Hotel and Casino not to exceed neither 50.0 gallons per month nor 500 gallons per year based on a weighted average VOC content of 7.25 pounds per gallon and a HAP content that is based on 47 percent of the VOC content (EU: HA23).
- l. The Permittee shall limit operation of the Murphy-Roger dust collector to 2,080 hours a year (EU: HA25).

4. Control Requirements

- a. The Permittee shall equip the three 8.369 MMBtu/hr Cleaver Brooks boilers with low-NO_x burners (EUs: HA08 through HA10, inclusive). Each boiler shall emit no more than 12 ppm NO_x and no more than 50 ppm CO (corrected to 3 percent oxygen) during operation.
- b. The Permittee shall equip the 9.0 MMBtu/hr Bryan boiler with a low-NO_x burner (EU: HA07). The boiler shall emit no more than 30 ppm NO_x and no more than 50 ppm CO (corrected to 3 percent oxygen) during operation.
- c. The Permittee shall equip the 4.5 MMBtu/hr Bryan boiler with a low-NO_x burner (EU: HA06). The boiler shall emit no more than 9 ppm NO_x and no more than 50 ppm CO (corrected to 3 percent oxygen) during operation.
- d. The Permittee shall equip the 4.80 MMBtu/hr Universal Energy boiler with a low-NO_x burner (EU: HA11). The boiler shall emit no more than 30 ppm NO_x and no more than 50 ppm CO (corrected to 3 percent oxygen) during operation.
- e. The Permittee shall equip the Caterpillar emergency diesel fire pump with a turbocharger (EU: HA12).
- f. The Permittee shall equip each of the six emergency diesel generators with turbochargers (EUs: HA13 through HA18, inclusive).

- g. The Permittee shall equip John Deere emergency diesel generators with turbochargers and aftercoolers (EU: HA24).
- h. The Permittee shall equip each of the three BAC cooling towers with drift eliminators with a manufacturer's maximum drift rate of 0.005 percent (EU: HA19 through HA21, inclusive).
- i. The Permittee shall maintain the cooling water such that the maximum TDS content shall not exceed 2,520 ppm (EUs: HA19 through HA21, inclusive).
- j. In addition to the above control requirements, the Permittee shall also comply with the applicable control requirements outlined in Section H of this permit.

5. Monitoring, Testing, Recordkeeping, and Reporting

- a. Monitoring requirements are outlined in Section I of this permit.
- b. There is no performance testing required for any emission unit.
- c. Recordkeeping requirements are outlined in Section K of this permit.
- d. Reporting requirements are outlined in Section I of this permit.

B. FLAMINGO LAS VEGAS

1. Emission Units

Table IV-B-1: Summary of EU – Flamingo Las Vegas

EU	Description	SCC
FL01	Johnston Boiler, 14.343 MMBtu/hr, M/N: 8786, S/N: 9180-01	10300602
FL02	Kewanee Boiler, 14.645 MMBtu/hr, M/N: H3S-350-G, S/N: 10016	10300602
FL03	Kewanee Boiler, 14.645 MMBtu/hr, M/N: H3S-350-G, S/N: 10017	10300602
FL04	Kewanee Boiler, 14.645 MMBtu/hr, M/N: H3S-350-G, S/N: 10476	10300602
FL05	Cleaver Brooks Boiler, 8.165 MMBtu/hr, M/N: CBI 700-200-150, S/N: 0L104650	10300602
FL06	Caterpillar Emergency Diesel Fire Pump, M/N: 3406, S/N: 6TB02994, 313 kW, 420 hp	20200102
FL07	Caterpillar Emergency Diesel Generator, M/N: 3508, S/N: 23Z02549, 825 kW, 1,106 hp	20200102
FL08	Caterpillar Emergency Diesel Generator, M/N: 3508, S/N: 23Z02351, 825 kW, 1,106 hp	20200102
FL09	Caterpillar Emergency Diesel Generator, M/N: 3412, S/N: 2WJ02515, 827 kW, 1,109 hp	20200102
FL10	Caterpillar Emergency Diesel Generator, M/N: 3412, S/N: 2WJ02570, 827 kW, 1,109 hp	20200102
FL11	Caterpillar Emergency Diesel Generator, M/N: 3412, S/N: 81Z08892, 540 kW, 724 hp	20200102
FL12	Detroit Diesel Emergency Diesel Generator, M/N: 71237305, S/N: 12VA064532, 415 kW, 556 hp	20200102
FL13	Marley Cooling Tower, M/N: NC7042GS, S/N: 057404-001-94, 750 tons, 4,480 gpm (O'Shea's), 3,000 ppm TDS, 0.005% Drift Loss, Cell 1 of 2	38500101
FL14	Marley Cooling Tower, M/N: NC7042GS, S/N: 057404-001-94, 750 tons, 4,480 gpm (O'Shea's), 3,000 ppm TDS, 0.005% Drift Loss, Cell 2 of 2	38500101
FL15	Marley Cooling Tower, M/N: NC8307K2BS, S/N: 207909-A1, 750 tons, 4,500 gpm (O'Shea's), 3,000 ppm TDS, 0.005% Drift Loss, Cell 1 of 2	38500101
FL16	Marley Cooling Tower, M/N: NC8307K2BS, S/N: 207909-A2, 750 tons, 4,500 gpm, (O'Shea's), 3,000 ppm TDS, 0.005% Drift Loss, Cell 2 of 2	38500101
FL17	Marley Cooling Tower, M/N: NC7143GS, S/N: 088193-001, 750 tons, 6,900 gpm (Main Plant), 3,000 ppm TDS, 0.005% Drift Loss, Cell 1 of 4	38500101

EU	Description	SCC
FL18	Marley Cooling Tower, M/N: NC7143GS, S/N: 088194-001-95, 750 tons, 6,900 gpm (Main Plant), 3,000 ppm TDS, 0.005% Drift Loss, Cell 2 of 4	38500101
FL19	Marley Cooling Tower, M/N: NC7143GS, S/N: 088194-001-95, 750 tons, 6,900 gpm (Main Plant), 3,000 ppm TDS, 0.005% Drift Loss, Cell 3 of 4	38500101
FL20	Marley Cooling Tower, M/N: NC7143GS, S/N: 088194-001-95, 750 tons, 6,900 gpm (Main Plant), 3,000 ppm TDS, 0.005% Drift Loss, Cell 4 of 4	38500101
FL21	Marley Cooling Tower, M/N: NC7241GS-98, S/N: 123332-001, (A1), 750 tons, 2,300 gpm (Main Plant), 3,000 ppm TDS, 0.005% Drift Loss, Cell 1 of 2	38500101
FL22	Marley Cooling Tower, M/N: NC7042GS-98, S/N: 123332-002, (A2), 750 tons, 2,300 gpm (Main Plant), 3,000 ppm TDS, 0.005% Drift Loss, Cell 2 of 2	38500101
FL23	Devilbiss Spray Paint Booth, M/N: XVS-6081	40200101
FL24	Murphy-Rogers dust collector, Model MRM-10-2D, S/N: 1181	30700808
FL25	500-gallon, ConVault aboveground gasoline storage tank	40600306

2. Emission Limitations

- a. Neither the actual nor the allowable emissions from the individual emission units outlined in Tables IV-B-2 and IV-B-3 shall exceed the calculated PTE:

Table IV-B-2: PTE (tons per year) – Flamingo Las Vegas

EU	Rating	Conditions	PM ₁₀	NO _x	CO	SO _x	VOC	HAP
FL01	14.343 MMBtu/hr	8,760 hr/yr	0.47	2.22	4.43	0.04	0.34	0.12
FL02	14.645 MMBtu/hr	8,760 hr/yr	0.48	3.13	2.38	0.04	0.35	0.12
FL03	14.645 MMBtu/hr	8,760 hr/yr	0.48	3.13	2.38	0.04	0.35	0.12
FL04	14.645 MMBtu/hr	8,760 hr/yr	0.48	3.13	2.38	0.04	0.35	0.12
FL05	8.165 MMBtu/hr	8,760 hr/yr	0.27	1.27	1.44	0.02	0.19	0.07
FL06	420 hp, 313 kW	36.0 hr/yr	0.02	0.23	0.06	0.02	0.02	0.01
FL07	1,106 hp, 825 kW	36.0 hr/yr	0.01	0.48	0.11	0.01	0.01	0.01
FL08	1,106 hp, 825 kW	36.0 hr/yr	0.01	0.48	0.11	0.01	0.01	0.01
FL09	1,109 hp, 827 kW	36.0 hr/yr	0.01	0.48	0.11	0.01	0.01	0.01
FL10	1,109 hp, 827 kW	36.0 hr/yr	0.01	0.48	0.11	0.01	0.01	0.01
FL11	724.0 hp, 540 kW	36.0 hr/yr	0.01	0.31	0.07	0.01	0.01	0.01
FL12	556 hp, 415 kW	36.0 hr/yr	0.02	0.31	0.07	0.02	0.03	0.01
FL13	8,400 gal/min	8,760 hr/yr	1.28	0.00	0.00	0.00	0.00	0.00
FL14		8,760 hr/yr						
FL15		8,760 hr/yr						
FL16		8,760 hr/yr						
FL17	12,000 gal/min	8,760 hr/yr	1.86	0.00	0.00	0.00	0.00	0.00
FL18		8,760 hr/yr						
FL19		8,760 hr/yr						
FL20		8,760 hr/yr						
FL21		8,760 hr/yr						
FL22		8,760 hr/yr						
FL23	4.4 lbs/gal VOC	1,297 gal/yr	0.00	0.00	0.00	0.00	2.20	1.03
FL24	2,600 cfm	2,080 hr/yr	0.46	0.00	0.00	0.00	0.00	0.00
FL25	500 gal	6,000 gal/year	0.00	0.00	0.00	0.00	0.04	0.01

Table IV-B-3: PTE (pounds per hour) – Flamingo Las Vegas

EU	Rating	Conditions	PM ₁₀	NO _x	CO	SO _x	VOC	HAP
FL01	14.343 MMBtu/hr	6,000 hr/yr	0.11	0.51	1.01	0.01	0.08	0.03
FL02	14.645 MMBtu/hr	6,000 hr/yr	0.11	0.71	0.54	0.01	0.08	0.03

EU	Rating	Conditions	PM ₁₀	NO _x	CO	SO _x	VOC	HAP
FL03	14.645 MMBtu/hr	6,000 hr/yr	0.11	0.71	0.54	0.01	0.08	0.03
FL04	14.645 MMBtu/hr	6,000 hr/yr	0.11	0.71	0.54	0.01	0.08	0.03

- b. The Permittee shall not discharge into the atmosphere, from any emission unit, any air contaminant in excess of an average of 20 percent opacity for a period of more than 6 consecutive minutes, when viewed in accordance with EPA Method 9.

3. Production Limitations

- a. The Permittee shall limit operation of the 420 hp Caterpillar emergency diesel fire pump to 2.0 hour per day and 36.0 hours per year for testing and maintenance purposes only. There is no limitation for operating during emergencies (EU: FL06).
- b. The Permittee shall limit operation of each of the two 1,106 hp Caterpillar emergency diesel generators to 2.0 hours per day and 36.0 hours per year for testing and maintenance purposes only. There is no limitation for operating during emergencies (EUs: FL07 and FL08).
- c. The Permittee shall limit operation of each of the two 1,109 hp Caterpillar emergency diesel generators to 2.0 hours per day and 36.0 hours per year for testing and maintenance purposes only. There is no limitation for operating during emergencies (EUs: FL09 and FL10).
- d. The Permittee shall limit operation of the 724 hp Caterpillar emergency diesel generator to 2.0 hours per day and 36.0 hours per year for testing and maintenance purposes only. There is no limitation for operating during emergencies (EU: FL11).
- e. The Permittee shall limit operation of the 556 hp Detroit Diesel emergency diesel generator to 2.0 hours per day and 36.0 hours per year for testing and maintenance purposes only. There is no limitation for operating during emergencies (EU: FL12).
- f. The Permittee shall limit the cumulative flow rate of the four Marley cooling towers as a group to 8,400 gallons per minute (EUs: FL13 through FL16, inclusive).
- g. The Permittee shall limit the cumulative flow rate of the six Marley cooling towers as a group to 12,000 gallons per minute (EUs: FL17 through FL22, inclusive).
- h. The Permittee shall limit the consumption of VOC- and HAP-containing paints, lacquers, thinners, solvents, etc. for surface coating purposes at the Flamingo Las Vegas Hotel and Casino not exceed neither 60.0 gallons per month nor 600 gallons per year based on a weighted average VOC content of 7.25 pounds per gallon and a HAP content that is based on 47 percent of the VOC content (EU: FL23).
- i. The Permittee shall limit the operation of the Murphy-Roger dust collector to 2,080 hours a year (EU: FL24).
- j. The Permittee shall limit maximum amount of throughput of all gasoline products to 500 gallons per month and to 6,000 gallons per year (EU: FL25).

4. Control Requirements

- a. The Permittee shall equip the 14.343 MMBtu/hr Johnston boiler with a low-NO_x burner and flue gas recirculation control devices (EU: FL01). The boiler shall emit no more than 29 ppm NO_x and no more than 95 ppm CO (corrected to 3 percent oxygen) during operation.
- b. The Permittee shall equip each of the three 14.645 MMBtu/hr Kewanee boilers with low-NO_x burners (EUs: FL02 through FL04, inclusive). Each boiler shall emit no more than 40 ppm NO_x and no more than 50 ppm CO (corrected to 3 percent oxygen) during operation.

- c. The Permittee shall equip the 8.165 MMBtu/hr Cleaver Brooks boiler shall be equipped with a low-NO_x burner (EU: FL05). The boiler shall emit neither more than 29 ppm NO_x nor more than 55 ppm CO (corrected to 3 percent oxygen) during operation.
- d. The Permittee shall equip the Caterpillar emergency diesel fire pump with a turbocharger (EU: FL06).
- e. The Permittee shall equip each of the six emergency diesel generators with turbochargers (EUs: FL07 through FL12, inclusive).
- f. The Permittee shall equip each of ten Marley cooling towers with drift eliminators with a manufacturer's maximum drift rate of 0.005 percent (EUs: FL13 through FL22, inclusive).
- g. The Permittee shall maintain the cooling water such that the maximum TDS content shall not exceed 3,000 ppm.
- h. Phase I Vapor Recovery. The following control requirements apply to EU: FL25:
 - i. The ConVault Two Point Stage I Vapor Recovery System shall be constructed in accordance with the "Phase I Vapor Recovery System" drawing, and shall use components specified in the current CARB EO G-70-116 series.
 - ii. The highest point of discharge from a submerged fill-pipe shall be no more than 6.0 inches from the tank bottom.
 - iii. Pursuant to AQR Section 12, all Phase I vapor recovery equipment shall be installed and operated in accordance with the manufacturer's specifications and certification requirements.
 - iv. All Phase I vapor recovery equipment shall be maintained to be leak free, vapor tight, and in good working order.
 - v. All Phase I vapor recovery equipment shall have a CARB-certified device, which prevents loosening or over tightening of the Phase I product adaptor.
- i. Each system that has a pressure/vacuum vent valve installed must also meet the standards as outlined in the current CARB EO G-70-116 series (EU: FL 25).
- j. In addition to the above control requirements, the Permittee shall also comply with the applicable control requirements outlined in Section H of this permit.

5. Monitoring, Testing, Recordkeeping, and Reporting

- a. Monitoring requirements are outlined in Section I of this permit.
- b. Performance testing is required for emission units FL01, FL02, FL03, and FL04. Performance testing requirements are outlined in Section J of this permit.
- c. Recordkeeping requirements are outlined in Section K of this permit.
- d. Reporting requirements are outlined in Section L of this permit.

C. BALLY'S LAS VEGAS

1. Emission Units

Table IV-C-1: Summary of EU – Bally's Las Vegas

EU	Description	SCC
BA01	Kewanee Boiler, 16.8 MMBtu/hr, M/N: H3S-750-G02, S/N: NB-24935	10300602
BA02	Kewanee Boiler, 16.8 MMBtu/hr, M/N: H3S-750-G02, S/N: NB-25232	10300602
BA03	Kewanee Boiler, 31.383 MMBtu/hr, M/N: H3S-750-G02, S/N: NB-24875	10300602
BA04	Detroit Diesel Emergency Diesel Generator, M/N: 9163-7305, S/N: 16E0006591 (#1), 1,000 kW, 1,340 hp	20100102

EU	Description	SCC
BA05	Detroit Diesel Emergency Diesel Generator, M/N: 9163-7305, S/N: 16E01006592 (#2), 1,000 kW, 1,340 hp	20100102
BA06	Detroit Diesel Emergency Diesel Generator, M/N: 7163-7305, S/N: 16VA7496, 500 kW, 670 hp	20100102
BA07	Detroit Diesel Emergency Diesel Generator, S/N: LD-94032, 150 kW, 200 hp	20100102
BA08	Cummins Emergency Diesel Fire Pump, M/N: NT855-F2, S/N: 10923797, 285 hp; Fire Pump # 1	20100102
BA09	Cummins Emergency Diesel Fire Pump, M/N: NT855-F2, S/N: 10923795, 285 hp; Fire Pump # 2	20100102
BA10	Cummins Emergency Diesel Fire Pump, M/N: NT855-F, S/N: 10949266, 179 hp; Fire Pump # 3	20100102
BA11	Detroit Diesel Emergency Diesel Generator, M/N: 1000 DS, S/N: 600214, (#3) 1,000 kW, 1,340 hp	20100102
BA12	Detroit Diesel Emergency Diesel Generator, M/N: 1000 DS, S/N: 600215, (#4) 1,000 kW, 1,340 hp	20100102
BA13	Spray King Paint Booth, M/N: 200 FAFC, S/N: N/A, 14'x20'x10'	40200101
BA14	Baltimore Aircoil Cooling Tower, M/N: IMT-1700-3, S/N: IS6062, 20,400 gpm, 3,000 ppm TDS, 0.005% drift loss	38500101
BA15	Baltimore Aircoil Cooling Tower, M/N: FI-743-L, S/N: 96200451, 130 gpm, 3,000 ppm TDS, 0.001% drift loss	38500101
BA16	Econoline Syphon Blast Cabinet, Model 36-1, with a Dayton Model 2Z982H dust collection system	30900204

2. Emission Limitations

- a. Neither the actual nor the allowable emissions from the individual emission units outlined in Tables IV-C-2 and IV-C-3 shall exceed the calculated PTE:

Table IV-C-2: PTE (tons per year) – Bally's Las Vegas

EU	Rating	Conditions	PM ₁₀	NO _x	CO	SO _x	VOC	HAP
BA01 ¹	16.8 MMBtu/hr	10,900 hr/yr	0.69	2.79	1.57	0.05	0.49	0.17
BA02 ¹	16.8 MMBtu/hr							
BA03	31.383 MMBtu/hr	2,920 hr/yr	0.34	1.40	0.78	0.03	0.25	0.09
BA04	1,340 hp, 1000 kW	36.0 hr/yr	0.02	0.58	0.13	0.01	0.02	0.01
BA05	1,340 hp, 1000 kW	36.0 hr/yr	0.02	0.58	0.13	0.01	0.02	0.01
BA06	670 hp, 500 kW	36.0 hr/yr	0.01	0.29	0.07	0.01	0.01	0.01
BA07	200 hp, 155 kW	36.0 hr/yr	0.01	0.11	0.02	0.01	0.01	0.01
BA08	285 hp, 212 kW	36.0 hr/yr	0.01	0.16	0.03	0.01	0.01	0.01
BA09	285 hp, 212 kW	36.0 hr/yr	0.01	0.16	0.03	0.01	0.01	0.01
BA10	179 hp, 134 kW	36.0 hr/yr	0.01	0.10	0.02	0.01	0.01	0.01
BA11	1,340 hp, 1000 kW	36.0 hr/yr	0.02	0.58	0.13	0.01	0.02	0.01
BA12	1,340 hp, 1000 kW	36.0 hr/yr	0.02	0.58	0.13	0.01	0.02	0.01
BA13	5.0 lbs/gal VOC	660 gal/yr	0.00	0.00	0.00	0.00	2.19	1.03
BA14	20,400 gal/min	8,760 hr/yr	3.26	0.00	0.00	0.00	0.00	0.00
BA15	130.0 gal/min	8,760 hr/yr	0.01	0.00	0.00	0.00	0.00	0.00
BA16	422.2 lbs/hr	2,080 hr/yr	0.30	0.00	0.00	0.00	0.00	0.00

¹Emissions and operation of two Kewanee boilers (BA01 and BA02) have combined limitations as indicated in this Table.

Table IV-C-3: PTE (pounds per hour) – Bally's Las Vegas

EU	Rating	Conditions	PM ₁₀	NO _x	CO	SO _x	VOC	HAP
BA01	16.8 MMBtu/hr	10,900 hr/yr	0.13	0.51	0.29	0.01	0.09	0.03
BA02	16.8 MMBtu/hr		0.13	0.51	0.29	0.01	0.09	0.03

EU	Rating	Conditions	PM ₁₀	NO _x	CO	SO _x	VOC	HAP
BA03	31.383 MMBtu/hr	2,920 hr/yr	0.24	0.96	0.54	0.02	0.17	0.06

- b. The Permittee shall not discharge into the atmosphere, from any emission unit, any air contaminant in excess of an average of 20 percent opacity for a period of more than 6 consecutive minutes, when viewed in accordance with EPA Method 9.

3. Production Limitations

- a. The Permittee shall limit operation of each of the two 16.8 MMBtu/hr Kewanee boilers to 24.0 hours per day and as a group to 10,900 hours per year (EUs: BA01 and BA02).
- b. The Permittee shall limit operation of the 31.383 MMBtu/hr Kewanee boiler to 2,920 hours per year (EU: BA03).
- c. The Permittee shall limit operation of each of the two 1,340 hp Detroit Diesel emergency diesel generators to 2.0 hours per day and 36.0 hours per year for testing and maintenance purposes only. There is no limitation for operating during emergencies (EUs: BA04 and BA05).
- d. The Permittee shall limit operation of the 670 hp Detroit Diesel emergency diesel generator to 2.0 hours per day and 36.0 hours per year for testing and maintenance purposes only. There is no limitation for operating during emergencies (EU: BA06).
- e. The Permittee shall limit operation of the 200 hp Detroit Diesel emergency diesel generator to 2.0 hours per day and 36.0 hours per year for testing and maintenance purposes only. There is no limitation for operating during emergencies (EU: BA07).
- f. The Permittee shall limit operation of each of the two 285 hp Cummins emergency diesel fire pumps to 2.0 hours per day and 36.0 hours per year for testing and maintenance purposes only. There is no limitation for operating during emergencies (EUs: BA08 and BA09).
- g. The Permittee shall limit operation of the 179 hp Cummins emergency diesel fire pump to 2.0 hours per day and 36.0 hours per year for testing and maintenance purposes only. There is no limitation for operating during emergencies (EU: BA10).
- h. The Permittee shall limit operation of each of the two 1,340 hp Detroit Diesel emergency diesel generators to 2.0 hours per day and 36.0 hours per year for testing and maintenance purposes only. There is no limitation for operating during emergencies (EUs: BA11 and BA12).
- i. The Permittee shall limit the consumption of VOC- and HAP-containing paints, lacquers, thinners, solvents, etc. for surface coating purposes at the Bally's Las Vegas Hotel and Casino not exceed neither 60.0 gallons per month nor 600 gallons per year based on a weighted average VOC content of 7.25 pounds per gallon and a HAP content that is based on 47 percent of the VOC content (EU: BA13).
- j. The Permittee shall limit the operation of the Econoline Syphon Blast Cabinet to 2,080 hours a year (EU: BA16).

4. Control Requirements

- a. The Permittee shall equip each of the two 16.8 MMBtu/hr Kewanee boilers with low-NO_x burners and flue gas recirculation control devices (EUs: BA01 and BA02). Each boiler shall emit no more than 25 ppm NO_x and no more than 23 ppm CO (corrected to 3 percent oxygen) during operation.
- b. The Permittee shall equip the 31.383 MMBtu/hr Kewanee boiler with low-NO_x burner (EU: BA03). The boiler shall emit no more than 25 ppm NO_x and no more than 23 ppm CO (corrected to 3 percent oxygen) during operation.

- c. The Permittee shall equip each of the nine emergency diesel generators with turbochargers (EU: BA04 through BA12, inclusive).
- d. The Permittee shall equip the Baltimore Aircoil cooling tower with drift eliminators with a manufacturer's maximum drift rate of 0.005 percent (EU: BA14).
- e. The Permittee shall equip the Baltimore Aircoil cooling tower with drift eliminators with a manufacturer's maximum drift rate of 0.001 percent (EU: BA15).
- f. The Permittee shall maintain the cooling water such that the maximum TDS content shall not exceed 3,000 ppm (EUs: BA14 and BA15).
- g. In addition to the above control requirements, the Permittee shall also comply with the applicable control requirements outlined in Section H of this permit.

5. Monitoring, Testing, Recordkeeping, and Reporting

- a. Monitoring requirements are outlined in Section I of this permit.
- b. Performance testing is required for emission units BA01, BA02, and BA03. Performance testing requirements are outlined in Section J of this permit.
- c. Recordkeeping requirements are outlined in Section K of this permit.
- d. Reporting requirements are outlined in Section L of this permit.

D. BILL'S GAMBLIN' HALL & SALOON

1. Emission Units

Table IV-D-1: Summary of EU – Bill's Gamblin' Hall & Saloon

EU	Description	SCC
BH01	Detroit Diesel Emergency Generator, M/N: 70837305, S/N: 8VA397721, 369 hp, 275 kW	20200102
BH02	Detroit Diesel Emergency Generator, M/N: 70837305, S/N: 8VA370148, 336 hp, 250 kW	20200102
BH03	Ajax Natural Gas Boiler, M/N: WGOFD-4250, S/N: 80-33079, 4.25 MMBtu/hr	10300603
BH04	Ajax Natural Gas Boiler, M/N: WGOFD-2500, S/N: 78-31124, 2.50 MMBtu/hr	10300603
BH05	Marley Cooling Tower, M/N: NC5201GS-99, S/N: 143430-001, 3,000 ppm TDS, 1,209 gpm, 0.005% drift	38500101
BH07	Baltimore Aircoil Cooling Tower, M/N: 3240A, S/N: U052297001, 3,000 ppm TDS, 660 gpm, 0.005% drift	38500101

2. Emission Limitations

- a. Neither the actual nor the allowable emissions from the individual emission units outlined in Table IV-D-2 shall exceed the calculated PTE:

Table IV-D-2: PTE (tons per year) – Bill's Gamblin' Hall & Saloon

EU	Rating	Conditions	PM ₁₀	NO _x	CO	SO _x	VOC	HAP
BH01	369 hp	52.0 hr/yr	0.02	0.30	0.06	0.02	0.02	0.01
BH02	336 hp	52.0 hr/yr	0.02	0.27	0.06	0.02	0.02	0.01
BH03	4.25 MMBtu/hr	8,760 hr/yr	0.14	1.82	1.53	0.01	0.10	0.04
BH04	2.50 MMBtu/hr	8,760 hr/yr	0.08	1.07	0.90	0.01	0.06	0.02
BH05	1,209 gal/min	8,760 hr/yr	0.19	0.00	0.00	0.00	0.00	0.00
BH07	660 gal/min	8,760 hr/yr	0.10	0.00	0.00	0.00	0.00	0.00

- b. The Permittee shall not discharge into the atmosphere, from any emission unit, any air contaminant in excess of an average of 20 percent opacity for a period of more than 6 consecutive minutes, when viewed in accordance with EPA Method 9.

3. Production Limitations

- a. The Permittee shall limit operation of each of the two diesel emergency generators to 2.0 hours per day and to 52.0 hours per year for testing and maintenance purposes. There is no limitation for operating during emergencies (EU: BH01 and BH02).

4. Control Requirements

- a. The Permittee shall equip each of the two Detroit Diesel emergency diesel generators with turbochargers (EUs: BH01 and BH02).
- b. The Permittee shall equip each of the two cooling towers with drift eliminators with a manufacturer's maximum drift rate of 0.005 percent (EUs: BH05 and BH07).
- c. The Permittee shall maintain the cooling water such that the maximum TDS content shall not exceed 3,000 ppm (EUs: BH05 and BH07).
- d. The Permittee shall limit emissions from each of the 4.3 MMBtu/hr and 2.5 MMBtu/hr Ajax boilers to 80 ppm NO_x and 111 ppm CO (corrected to 3 percent oxygen) (EUs: BH03 and BH04).
- e. In addition to the above control requirements, the Permittee shall also comply with the applicable control requirements outlined in Section H of this permit.

5. Monitoring, Testing, Recordkeeping, and Reporting

- a. Monitoring requirements are outlined in Section I of this permit.
- b. There is no performance testing requirements for emission units at this facility.
- c. Recordkeeping requirements are outlined in Section K of this permit.
- d. Reporting requirements are outlined in Section L of this permit.

E. CAESAR'S PALACE

1. Emission Units

Table IV-E-1: Summary of EU – Caesar's Palace

EU	Description	SCC
CP01	Hurst Boiler, 35.40 MMBtu/hr, M/N: NA, S/N: S4000-150-18	10300602
CP02	Hurst Boiler, 35.40 MMBtu/hr, M/N: NA, S/N: S4000-150-19	10300602
CP03	Burnham Boiler, 33.475 MMBtu/hr, M/N: 3P80050GBNM, S/N: 12524	10300602
CP04	Burnham Boiler, 33.475 MMBtu/hr, M/N: 3P80050GBNM, S/N: 12164	10300602
CP05	Burnham Boiler, 33.475 MMBtu/hr, M/N: 3P80050GBNM, S/N: 12238	10300602
CP06	Gasmaster Boiler, 1.0 MMBtu/hr, M/N: GMI1 ML, S/N: 221.01	10300603
CP07	Gasmaster Boiler, 1.0 MMBtu/hr, M/N: GMI1 ML, S/N: 221.02	10300603
CP08	Gasmaster Boiler, 1.0 MMBtu/hr, M/N: GMI1 ML, S/N: 221.03	10300603
CP10	Gasmaster Boiler, 1.0 MMBtu/hr, M/N: GMI1 ML, S/N: 221.05	10300603
CP13	Caterpillar Emergency Diesel Generator, M/N: 3516B, S/N: 6HN00155, 2,145 kW, 2,876 hp	20100102
CP14	Caterpillar Emergency Diesel Generator, M/N: 3516B, S/N: 6HN00154, 2,145 kW, 2,876 hp	20100102
CP15	Caterpillar Emergency Diesel Generator, M/N: 3516, S/N: 25Z05223, 1,879 kW, 2,520 hp	20100102

EU	Description	SCC
CP16	Caterpillar Emergency Diesel Generator, M/N: 3512, S/N: 24Z06413, 1,356 kW, 1,818 hp	20100102
CP17	Caterpillar Emergency Diesel Generator, M/N: 3516B, S/N: 6HN00199, 2,145 kW, 2,876 hp	20100102
CP18	Caterpillar Emergency Diesel Fire Pump, M/N: 3406B, S/N: 6TB04881, 321 kW, 430 hp	20300101
CP19a	Baltimore Aircoil Cooling Tower, M/N: 4469-20-3W, S/N: 92-4G-6184-P4, 3-Cell, 27,000 gpm (9,000 gpm per cell), 3,000 ppm TDS, 0.005% Drift Loss; Cell 1	38500101
CP19b	Baltimore Aircoil Cooling Tower, M/N: 4469-20-3W, S/N: 92-4G-6184-P4, 3-Cell, 27,000 gpm (9,000 gpm per cell), 3,000 ppm TDS, 0.005% Drift Loss; Cell 2	38500101
CP19c	Baltimore Aircoil Cooling Tower, M/N: 4469-20-3W, S/N: 92-4G-6184-P4, 3-Cell, 27,000 gpm (9,000 gpm per cell), 3,000 ppm TDS, 0.005% Drift Loss; Cell 3	38500101
CP20	Baltimore Aircoil Cooling Tower, M/N: 3725A3, S/N:U040665201MAD, 5,750 gpm, 2,700 ppm TDS, 0.005% Drift Loss	38500101
CP21	Baltimore Aircoil Cooling Tower, M/N: 3725A3, S/N:U040665202MAD, 5,750 gpm, 2,700 ppm TDS, 0.005% Drift Loss	38500101
CP22	Baltimore Aircoil Cooling Tower, M/N: 3725A3, S/N:U040665203MAD, 5,750 gpm, 2,700 ppm TDS, 0.005% Drift Loss	38500101
CP23	Spray King Spray Paint Booth, M/N: 200-P, S/N: N/A, 24.0' x 14' x 8'	40200101
CP24	RBI Futera Boiler, 1.5 MMBtu/hr, M/N: FW1500N0, S/N: 120644885	10300603
CP25	RBI Futera Boiler, 1.5 MMBtu/hr, M/N: FW1500N0, S/N: 120644886	10300603
CP26	Unilux Boiler, 24.0 MMBtu/hr, M/N: ZF2500W-1-300/400, S/N: A1683	10300603
CP27	Unilux Boiler, 24.0 MMBtu/hr, M/N: ZF2500W-1-300/400, S/N: A1684	10300603
CP28	Caterpillar Emergency Diesel Generator, M/N: 3516CDITA, S/N: SBJ00672, 2,710 kW, 3,634 hp	20100102
CP29	Caterpillar Emergency Diesel Generator, M/N: 3516CDITA, S/N: SBJ00673, 2,710 kW, 3,634 hp	20100102
CP30a	Composite Cooling Solutions Cooling Tower, M/N: FT-2828-75-P6IL, S/N: CT-7, 5,600 gpm, 2,700 ppm TDS, 0.0015% Drift Loss	38500101
CP30b	Composite Cooling Solutions Cooling Tower, M/N: FT-2828-75-P6IL, S/N: CT-8, 5,600 gpm, 2,700 ppm TDS, 0.0015% Drift Loss	38500101
CP32	1,000-gallon, ConVault aboveground gasoline storage tank	40600306
CP33	Pollution International Dust Collector, 10 hp, M/N: 33N375	30700808
CP34	Clarke Diesel Fire Pump, 525 hp (392 kW), M/N: JX6H-UF60, S/N: RG6125H06331	20100102
CP35	Clarke Diesel Fire Pump, 525 hp (392 kW), M/N: JX6H-UF60, S/N: RG6125H06339	20100102

2. Emission Limitations

- a. Neither the actual nor the allowable emissions from the individual emission units outlined in Tables IV-E-2 and IV-E-3 shall exceed the calculated PTE:

Table IV-E-2: PTE (tons per year) – Caesar's Palace

EU	Rating	Conditions	PM ₁₀	NO _x	CO	SO _x	VOC	HAP
CP01 ¹	35.40 MMBtu/hr	All units 33,520 hr/yr annual cap; maximum 8,760 hr/yr per unit	4.34	20.65	4.27	0.35	3.12	1.10
CP02 ¹	35.40 MMBtu/hr							
CP03 ¹	33.475 MMBtu/hr							
CP04 ¹	33.475 MMBtu/hr							
CP05 ¹	33.475 MMBtu/hr							
CP06	1.0 MMBtu/hr	8,760 hr/yr	0.03	0.07	0.25	0.01	0.02	0.01
CP07	1.0 MMBtu/hr	8,760 hr/yr	0.03	0.07	0.25	0.01	0.02	0.01
CP08	1.0 MMBtu/hr	8,760 hr/yr	0.03	0.07	0.25	0.01	0.02	0.01

EU	Rating	Conditions	PM ₁₀	NO _x	CO	SO _x	VOC	HAP
CP10	1.0 MMBtu/hr	8,760 hr/yr	0.03	0.07	0.25	0.01	0.02	0.01
CP13	2,876 hp, 2,145 kW	36.0 hr/yr	0.04	1.24	0.28	0.02	0.04	0.02
CP14	2,876 hp, 2,145 kW	36.0 hr/yr	0.04	1.24	0.28	0.02	0.04	0.02
CP15	2,520 hp, 1,879 kW	36.0 hr/yr	0.03	1.09	0.25	0.02	0.03	0.01
CP16	1,818 hp, 1,356 kW	36.0 hr/yr	0.02	0.79	0.18	0.01	0.02	0.01
CP17	2,876 hp, 2,145 kW	36.0 hr/yr	0.04	1.24	0.28	0.02	0.04	0.02
CP18	430 hp, 321 kW	36.0 hr/yr	0.02	0.24	0.05	0.02	0.02	0.01
CP19a	9,000 gal/min	8,760 hr/yr	1.39	0.00	0.00	0.00	0.00	0.00
CP19b	9,000 gal/min	8,760 hr/yr	1.39	0.00	0.00	0.00	0.00	0.00
CP19c	9,000 gal/min	8,760 hr/yr	1.39	0.00	0.00	0.00	0.00	0.00
CP20	5,750 gal/min	8,760 hr/yr	0.80	0.00	0.00	0.00	0.00	0.00
CP21	5,750 gal/min	8,760 hr/yr	0.80	0.00	0.00	0.00	0.00	0.00
CP22	5,750 gal/min	8,760 hr/yr	0.80	0.00	0.00	0.00	0.00	0.00
CP23	6.4 lbs/gal VOC	624.0 gal/yr	0.00	0.00	0.00	0.00	2.00	0.94
CP24	1.50 MMBtu/hr	8,760 hr/yr	0.05	0.08	0.24	0.01	0.04	0.01
CP25	1.50 MMBtu/hr	8,760 hr/yr	0.05	0.08	0.24	0.01	0.04	0.01
CP26	24.0 MMBtu/hr	8,760 hr/yr	0.79	1.16	3.90	0.06	0.57	0.20
CP27	24.0 MMBtu/hr	8,760 hr/yr	0.79	1.16	3.90	0.06	0.57	0.20
CP28	3,634 hp, 2,710 kW	52.0 hr/yr	0.01	1.35	0.11	0.04	0.04	0.02
CP29	3,634 hp, 2,710 kW	52.0 hr/yr	0.01	1.35	0.11	0.04	0.04	0.02
CP30a	5,600 gal/min	8,760 hr/yr	0.23	0.00	0.00	0.00	0.00	0.00
CP30b	5,600 gal/min	8,760 hr/yr	0.23	0.00	0.00	0.00	0.00	0.00
CP32	1,000 gal	18,000 gal/yr	0.00	0.00	0.00	0.00	0.03	0.01
CP33	3,000 cfm	2,080 hr/yr	0.53	0.00	0.00	0.00	0.00	0.00
CP34	525 hp, 392 kW	52 hr/yr	0.01	0.14	0.01	0.03	0.01	0.01
CP35	525 hp, 392 kW	52 hr/yr	0.01	0.14	0.01	0.03	0.01	0.01

¹Emissions and operation of the two Hurst (CP01 and CP02) and the three Burnham (CP03, CP04, and CP05) boilers have combined limitations as indicated in this Table. The cumulative PTE was calculated based on the worse-case operating scenario: 17,520 hours per year operating 35.4 MMBtu/hr boilers and 16,000 hours per year operating 33.475 MMBtu/hr boilers.

Table IV-E-3: PTE (pounds per hour) – Caesar's Palace

EU	Rating	Conditions	PM ₁₀	NO _x	CO	SO _x	VOC	HAP
CP01 ¹	35.4 MMBtu/hr	All units 33,520 hr/yr annual cap; maximum 8,760 hr/yr per unit	0.27	1.24	0.26	0.02	0.19	0.07
CP02 ¹	35.4 MMBtu/hr		0.27	1.24	0.26	0.02	0.19	0.07
CP03 ¹	33.475 MMBtu/hr		0.25	1.23	0.25	0.02	0.18	0.06
CP04 ¹	33.475 MMBtu/hr		0.25	1.23	0.25	0.02	0.18	0.06
CP05 ¹	33.475 MMBtu/hr		0.25	1.23	0.25	0.02	0.18	0.06
CP26	24.0 MMBtu/hr		0.18	0.26	0.89	0.01	0.13	0.05
CP27	24.0 MMBtu/hr		0.18	0.26	0.89	0.01	0.13	0.05

¹Emissions and operation of the two Hurst (CP01 and CP02) and the three Burnham (CP03, CP04, and CP05) boilers have combined limitations as indicated in this Table.

- b. The Permittee shall not discharge into the atmosphere, from any emission unit, any air contaminant in excess of an average of 20 percent opacity for a period of more than 6 consecutive minutes, when viewed in accordance with EPA Method 9.

3. Production Limitations

- a. The Permittee shall limit operation of each of the two 35.4 MMBtu/hr Hurst boilers and the three 33.475 MMBtu/hr Burnham boilers to 24.0 hours per day and cumulatively to 33,520 hours per year (EUs: CP01 through CP05, inclusive).

- b. The Permittee shall limit operation of each of the three 2,876 hp Caterpillar emergency diesel generators to 2.0 hours per day and to 36.0 hours per year for testing and maintenance purposes only. There is no limitation for operating during emergencies (EUs: CP13, CP14 and CP17).
- c. The Permittee shall limit operation of the 2,520 hp Caterpillar emergency diesel generator to 2.0 hours per day and to 36.0 hours per year for testing and maintenance purposes only. There is no limitation for operating during emergencies (EU: CP15).
- d. The Permittee shall limit operation of the 1,818 hp Caterpillar emergency diesel generator to 2.0 hours per day and to 36.0 hours per year for testing and maintenance purposes only. There is no limitation for operating during emergencies (EU: CP16).
- e. The Permittee shall limit operation of the 430 hp Caterpillar emergency diesel fire pump to 2.0 hours per day and to 36.0 hours per year for testing and maintenance purposes only. There is no limitation for operating during emergencies (EU: CP18).
- f. The Permittee shall limit operation of each of the two 3,634 hp Caterpillar emergency diesel generators to 2.0 hours per day and to 52.0 hours per year for testing and maintenance purposes only. There is no limitation for operating during emergencies (EUs: CP28 and CP29).
- g. The Permittee shall limit operation of each of the 525 hp Clarke diesel fire pumps to 2.0 hours per day and to 52.0 hours per year for testing and maintenance purposes only. There is no limitation for operating during emergencies (EUs: CP34 and CP35).
- h. The Permittee shall limit the consumption of VOC- and HAP-containing paints, lacquers, thinners, solvents, etc. for surface coating purposes at the Caesar's Palace Hotel and Casino not exceed neither 70.0 gallons per month nor 700 gallons per year based on a weighted average VOC content of 7.25 pounds per gallon and a HAP content that is based on 47 percent of the VOC content (EU: CP23).
- i. The Permittee shall limit the maximum throughput of all gasoline products to 18,000 gallons per year and 1,500 gallons per month (EU: CP32).
- j. The Permittee shall limit operation of the Pollution International dust collector to 2,080 hours a year (EU: CP33).

4. Control Requirements

- a. The Permittee shall equip each of the two 35.4 MMBtu/hr Hurst boilers with low-NO_x burners (EUs: CP01 and CP02). Each boiler shall emit no more than 29 ppm NO_x and no more than 10 ppm CO (corrected to 3 percent oxygen) during operation.
- b. The Permittee shall equip each of the three 33.475 MMBtu/hr Burnham boilers with low-NO_x burners (EUs: CP03 through CP05, inclusive). Each boiler shall emit no more than 30 ppm NO_x and no more than 10 ppm CO (corrected to 3 percent oxygen) during operation.
- c. The Permittee shall equip each of the four 1.0 MMBtu/hr Gasmaster boilers with low-NO_x burners (EUs: CP06 through CP08, inclusive, and CP10). Each boiler shall emit no more than 14 ppm NO_x and no more than 77 ppm CO (corrected to 3 percent oxygen) during their operation.
- d. The Permittee shall equip each of the two 1.50 MMBtu/hour RBI Futera boilers with low NO_x burners (EUs: CP24 and CP25). Each boiler shall emit no more than 10 ppm NO_x and no more than 50 ppm CO (corrected to 3 percent oxygen) during their operation.
- e. The Permittee shall equip each of the two 24.0 MMBtu/hr Unilux boilers with low-NO_x burners (EUs: CP26 and CP27). Each boiler shall emit no more than 9 ppm NO_x and no more than 50 ppm CO (corrected to 3 percent oxygen) during operation.

- f. The Permittee shall equip each of the seven Caterpillar emergency diesel generators with turbochargers and aftercoolers (EUs: CP13 through CP17, inclusive, CP28, and CP29).
- g. The Permittee shall equip the Caterpillar emergency diesel fire pump with a turbocharger (EU: CP18).
- h. The two Caterpillar diesel engines (EUs: CP28 and CP29) are subject to the provisions of 40 CFR 60 Subpart IIII. Only diesel fuel with maximum sulfur content of 500 ppm and either a minimum cetane index of 40 or a maximum aromatic content of 35 percent by volume may be used in these engines.
- i. The Permittee shall equip the Caterpillar emergency diesel fire pump with a turbocharger (EU: CP18).
- j. The Permittee shall equip each of the two Clarke emergency diesel fire pumps with turbochargers and aftercoolers (EUs: CP34 and CP35).
- k. The two Clarke emergency diesel fire pumps (EUs: CP34 and CP35) are subject to the provisions of 40 CFR 60 Subpart IIII. The Permittee shall use only diesel fuel with maximum sulfur content of 500 ppm and either a minimum cetane index of 40 or a maximum aromatic content of 35 percent by volume in these engines.
- l. The Permittee shall insure that emission units CP28, CP29, CP34, and CP35 are in compliance with 40 CFR 60 Subpart IIII by meeting of all of the following: *[40 CFR 60 Subpart IIII]*
 - i. operation of the engine according to the manufacturer's written instructions or procedures developed by the Permittee that are approved by the engine manufacturer; and
 - ii. the installation and configuration of the engine according to the manufacturer's specifications.
- m. The Permittee shall equip each of the four Baltimore Aircoil cooling towers shall with drift eliminators with a manufacturer's maximum drift rate of 0.005 percent (EUs: CP19a through CP22, inclusive).
- n. The Permittee shall equip the Composite Cooling Solutions cooling tower with drift eliminators with a manufacturer's maximum drift rate of 0.0015 percent (EUs: CP30a and CP30b).
- o. The Permittee shall maintain the cooling water such that the maximum TDS content shall not exceed 3,000 ppm.
- p. Phase I Vapor Recovery. The following control requirements apply to EU: CP32:
 - i. The Fireguard Two Point I Vapor Recovery System shall be constructed in accordance with the "Phase I Vapor Recovery System" drawing, and shall use components specified in the current CARB EO G-70-162 series.
 - ii. The highest point of discharge from a submerged fill-pipe shall be no more than 6.0 inches from the tank bottom.
 - iii. Pursuant to AQR Section 12, all Phase I vapor recovery equipment shall be installed and operated in accordance with the manufacturer's specifications and certification requirements.
 - iv. All Phase I vapor recovery equipment shall be maintained to be leak free, vapor tight, and in good working order.
 - v. All Phase I vapor recovery equipment shall have a CARB-certified device, which prevents loosening or over tightening of the Phase I product adaptor.
 - vi. Each system that has a pressure/vacuum vent valve installed must also meet the standards as outlined in the current CARB EO G-70-162 series.

- q. Phase II Vapor Recovery. The following requirements apply to the fuel dispensing associated with EU: CP32:
 - i. The Model Name Phase II gasoline vapor control system shall be in accordance with the current CARB EO G-70-17 series.
 - ii. Only Model Emco Wheaton A4005 nozzles or equivalent CARB approved nozzle, are approved for a Model Name Phase II Gasoline Vapor Control System.
 - iii. The gasoline product and vapor return hoses shall be coaxial.
 - iv. The maximum allowable hose length shall be in accordance to the current CARB EO G-70-52 series.
 - v. Breakaway hose(s) shall be CARB approved.
 - vi. Pursuant to AQR Section 12, all Phase II vapor recovery equipment shall be installed and operated in accordance with the manufacturer's specifications and the current CARB EO G-70-17 series.
 - vii. All Phase II vapor recovery equipment shall be maintained to be leak free, vapor tight, and in good working order.
 - viii. Each Balance Vapor Recovery System dispenser shall limit each nozzle's gasoline dispensing rate to the values listed in Table IX-B-1. Dispenser fuel flow restrictors shall be installed as necessary and must be CARB approved.
- r. In addition to the above control requirements, the Permittee shall also comply with the applicable control requirements outlined in Section H of this permit.

Table IV-E-4: Phase II Balance Vapor Recovery Nozzle Requirements¹

Model/Nozzle or Equivalent	Current CARB EO Series	GPM
Emco Wheaton A4005	G-70-17	6-10

¹ A/L Ratio not applicable to Balance Vapor Recovery Systems.

5. Monitoring, Testing, Recordkeeping, and Reporting

- a. Monitoring requirements are outlined in Section I of this permit.
- b. Performance testing is required for emission units CP01, CP02, CP03, CP04, CP05, CP26, and CP27. Performance testing requirements are outlined in Section J of this permit.
- c. Recordkeeping requirements are outlined in Section K of this permit.
- d. Reporting requirements are outlined in Section L of this permit.

F. PARIS CASINO RESORT

1. Emission Units

Table IV-F-1: Summary of EU – Paris Casino Resort

EU	Description	SCC
PA01	Patterson-Kelley Water Heater, 1.90 MMBtu/hr, M/N: D1900, S/N: CJ06-98-8553, #1	10300603
PA03	Patterson-Kelley Water Heater, 1.90 MMBtu/hr, M/N: D1900, S/N: CJ08-98-8599, #3	10300603
PA04	Patterson-Kelley Water Heater, 1.90 MMBtu/hr, M/N: D1900, S/N: CJ08-98-8606, #4	10300603
PA06	Patterson-Kelley Water Heater, 1.90 MMBtu/hr, M/N: D1900, S/N: CJ08-98-8597, #6	10300603
PA09	Patterson-Kelley Water Heater, 1.90 MMBtu/hr, M/N: D1900, S/N: CJ08-98-8611, #WH 1	10300603
PA10	Patterson-Kelley Water Heater, 1.90 MMBtu/hr, M/N: D1900, S/N: CJ08-98-8609, #WH 2	10300603

EU	Description	SCC
PA11	Patterson-Kelley Water Heater, 1.90 MMBtu/hr, M/N: D1900, S/N: CJ08-98-8608, #WH 3	10300603
PA12	Bryan Boiler, 3.5 MMBtu/hr, M/N: RV350S-150-FDG-LX, S/N: 81362, #4	10300603
PA13	Bryan Boiler, 3.5 MMBtu/hr, M/N: RV350S-150-FDG-LX, S/N: 81349, #5	10300603
PA14	Bryan Boiler, 17.0 MMBtu/hr, M/N: RW1700W-FDG-LX, S/N: 81458, #3	10300602
PA15	Bryan Boiler, 21.0 MMBtu/hr, M/N: RW2100W-FDG-LX, S/N: 81444, #1	10300602
PA16	Bryan Boiler, 21.0 MMBtu/hr, M/N: RW2100W-FDG-LX, S/N: 81457, #2	10300602
PA17	Cummins Emergency Diesel Generator, M/N: CW73-G, S/N: 74753-1, 2,100kW, 2,816 hp, #1	20100102
PA18	Cummins Emergency Diesel Generator, M/N: CW73-G, S/N: 74739-2, 2,100kW, 2,816 hp, #2	20100102
PA19	Baltimore Aircoil Cooling Tower, M/N: Series 3000, S/N: 97221981, 4,725 gpm, 3,000 ppm TDS, 0.005% Drift Loss, 2-Cell, #1	38500101
PA20	Baltimore Aircoil Cooling Tower, M/N: Series 3000, S/N: 97222011, 4,725 gpm, 3,000 ppm TDS, 0.005% Drift Loss, 2-Cell, #2	38500101
PA21	Baltimore Aircoil Cooling Tower, M/N: Series 3000, S/N: 97222021, 4,725 gpm, 3,000 ppm TDS, 0.005% Drift Loss, 2-Cell, #3	38500101
PA22	Baltimore Aircoil Cooling Tower, M/N: Series 3000, S/N: 97221991, 4,725 gpm, 3,000 ppm TDS, 0.005% Drift Loss, 2-Cell, #4	38500101
PA23	Baltimore Aircoil Cooling Tower, M/N: Series 3000, S/N: 97222022, 4,725 gpm, 3,000 ppm TDS, 0.005% Drift Loss, 2-Cell, #5	38500101
PA24	Spray Systems Inc. Paint Booth, M/N: I-887, S/N: N/A, (7'7"x7'9"x10'2")	40200101
PA25	Dust Collector, Donaldson Torit DCE Unimaster, M/N: UMA358K11AD, S/N: 97-1572	30700808
PA26	RBI Futera Fusion Boiler, 2.0 MMBtu/hr, M/N: CW2000N0, S/N: 020745337	10300603
PA27	RBI Futera Fusion Boiler, 2.0 MMBtu/hr, M/N: CW2000N0, S/N: 020745338	10300603

2. Emission Limitations

- a. Neither the actual nor the allowable emissions from the individual emission units outlined in Tables IV-F-2 and IV-F-3 shall exceed the calculated PTE:

Table IV-F-2: PTE (tons per year) – Paris Casino Resort

EU	Rating	Conditions	PM ₁₀	NO _x	CO	SO _x	VOC	HAP
PA01 ¹	1.90 MMBtu/hr	All units 25,200 hr/yr annual cap; maximum 7,000 hr/yr per unit	0.18	1.17	1.96	0.01	0.13	0.05
PA03 ¹	1.90 MMBtu/hr							
PA04 ¹	1.90 MMBtu/hr							
PA06 ¹	1.90 MMBtu/hr							
PA09 ¹	1.90 MMBtu/hr							
PA10 ¹	1.90 MMBtu/hr							
PA11 ¹	1.90 MMBtu/hr							
PA12	3.5 MMBtu/hr	8,760 hr/yr	0.11	0.48	1.27	0.01	0.08	0.03
PA13	3.5 MMBtu/hr	8,760 hr/yr	0.11	0.48	1.27	0.01	0.08	0.03
PA14	17.0 MMBtu/hr	4,380 hr/yr	0.28	1.36	3.15	0.02	0.20	0.07
PA15 ²	21.0 MMBtu/hr	4,380 hr/yr	0.34	1.68	3.89	0.03	0.25	0.09
PA16 ²	21.0 MMBtu/hr							
PA17	2,816 hp, 2,100 kW	52.0 hr/yr	0.05	1.76	0.40	0.03	0.05	0.01
PA18	2,816 hp, 2,100 kW	52.0 hr/yr	0.05	1.76	0.40	0.03	0.05	0.01
PA19	4,725 gal/min	8,760 hr/yr	0.73	0.00	0.00	0.00	0.00	0.00
PA20	4,725 gal/min	8,760 hr/yr	0.73	0.00	0.00	0.00	0.00	0.00
PA21	4,725 gal/min	8,760 hr/yr	0.73	0.00	0.00	0.00	0.00	0.00

EU	Rating	Conditions	PM ₁₀	NO _x	CO	SO _x	VOC	HAP
PA22	4,725 gal/min	8,760 hr/yr	0.73	0.00	0.00	0.00	0.00	0.00
PA23	4,725 gal/min	8,760 hr/yr	0.73	0.00	0.00	0.00	0.00	0.00
PA24	4.32 lbs/gal VOC	384.0 gal/yr	0.00	0.00	0.00	0.00	0.83	0.39
PA25	3,000 cfm	2,080 hr/yr	0.53	0.00	0.00	0.00	0.00	0.00
PA26	2.0 MMBtu/hr	8,760 hr/yr	0.07	0.11	0.32	0.01	0.05	0.01
PA27	2.0 MMBtu/hr	8,760 hr/yr	0.07	0.11	0.32	0.01	0.05	0.02

¹Emissions and operation of the seven Patterson-Kelly boilers (PA01, PA03, PA04, PA06, PA09, PA10 and PA11) have combined limitations as indicated in the Table above.

²Emissions and operation of the two Bryan boilers (PA15 and PA16) have combined limitations as indicated in the Table above.

Table IV-F-3: PTE (pounds per hour) – Paris Casino Resort

EU	Rating	Conditions	PM ₁₀	NO _x	CO	SO _x	VOC	HAP
PA14	17.0 MMBtu/hr	4,380 hr/yr	0.13	0.62	1.44	0.01	0.09	0.03
PA15	21.0 MMBtu/hr	4,380 hr/yr	0.16	0.77	1.78	0.01	0.11	0.04
PA16	21.0 MMBtu/hr		0.16	0.77	1.78	0.01	0.11	0.04

- b. The Permittee shall not discharge into the atmosphere, from any emission unit, any air contaminant in excess of an average of 20 percent opacity for a period of more than 6 consecutive minutes, when viewed in accordance with EPA Method 9.

3. Production Limitations

- a. The Permittee shall limit operation each of the seven 1.90 MMBtu/hr Patterson-Kelley water heaters to 24.0 hours per day and cumulatively to 25,200 hours per year (EUs: PA01, PA03, PA04, PA06, PA09, PA10, and PA 11).
- b. The Permittee shall limit operation of the 17.0 MMBtu/hr Bryan boiler to 4,380 hours per year (EU: PA14).
- c. The Permittee shall limit operation of each of the two 21.0 MMBtu/hr Bryan boilers to 24.0 hours per day and cumulatively to 4,380 hours per year (EUs: PA15 and PA16).
- d. The Permittee shall limit operation of each of two the 2,816 hp Cummins emergency diesel generators to 2.0 hours per day and 52.0 hours per year. There is no limitation for operating during emergencies (EUs: PA17 and PA18).
- e. The Permittee shall limit the consumption of VOC- and HAP-containing paints, lacquers, thinners, solvents, etc. for surface coating purposes at the Paris Casino Resort not to exceed neither 50.0 gallons per month nor 500 gallons per year based on a weighted average VOC content of 7.25 pounds per gallon and a HAP content that is based on 47 percent of the VOC content (EU: PA24).
- f. The Permittee shall limit the operation of the Donaldson Torit dust collector to 2,080 hours per year (EU: PA25).

4. Control Requirements

- a. The Permittee shall equip each of the seven 1.90 MMBtu/hr Patterson-Kelly water heaters with low-NO_x burners (EUs: PA01, PA03, PA04, PA06, PA09, PA10, and PA11). Each boiler shall emit no more than 40.2 ppm NO_x and no more than 110.5 ppm CO (corrected to 3 percent oxygen) during operation.
- b. The Permittee shall equip each of the two 3.5 MMBtu/hour Bryan boilers low-NO_x burners and flue gas recirculation (EUs: PA12 and PA13). Each boiler shall emit no more than 26 ppm NO_x and no more than 111 ppm CO (corrected to 3 percent oxygen) during operation.

- c. The Permittee shall equip the 17.0 MMBtu/hr Bryan boiler with a low-NO_x burner (EU: PA14). The boiler shall emit no more than 30 ppm NO_x and no more than 114 ppm CO (corrected to 3 percent oxygen) during operation.
- d. The Permittee shall equip each of the two 21.0 MMBtu/hr Bryan boilers with low-NO_x burners (EUs: PA15 and PA16). Each boiler shall emit no more than 30 ppm NO_x and no more than 114 ppm CO (corrected to 3 percent oxygen) during operation.
- e. The Permittee shall equip each of the two 2.0 MMBtu/hour RBI Futera boilers with low-NO_x burners (EUs: PA26 and PA27). Each boiler shall emit no more than 10 ppm NO_x and no more than 50 ppm CO.
- f. The Permittee shall equip each of the two Cummins emergency diesel generators with turbochargers (EUs: PA17 and PA18).
- g. The Permittee shall equip each of the five Baltimore Aircoil cooling towers with drift eliminators with a manufacturer's maximum drift rate of 0.005 percent (EUs: PA19 through PA23, inclusive).
- h. The Permittee shall maintain the cooling water such that the maximum TDS content shall not exceed 3,000 ppm.
- i. In addition to the above control requirements, the Permittee shall also comply with the applicable control requirements outlined in Section H of this permit.

5. Monitoring, Testing, Recordkeeping, and Reporting

- a. Monitoring requirements are outlined in Section I of this permit.
- b. Performance testing is required for emission units PA14, PA15, and PA16. Performance testing requirements are outlined in Section J of this permit.
- c. Recordkeeping requirements are outlined in Section K of this permit.
- d. Reporting requirements are outlined in Section L of this permit.

G. IMPERIAL PALACE

1. Emission Units

Table IV-G-1: Summary of EU – Imperial Palace

EU	Description	SCC
IP01	Ajax Boiler, 1.25 MMBtu/hr, M/N: WG-1250 D, S/N: 82-34510	10300602
IP02	Ajax Boiler, 1.25 MMBtu/hr, M/N: WG-1250 D, S/N: 82-34507	10300602
IP03	Ajax Boiler, 1.25 MMBtu/hr, M/N: WG-1250 D, S/N: 82-34502	10300602
IP04	Kewanee Boiler, 16.70 MMBtu/hr, M/N: H3S 4000HP, S/N: R8190	10300603
IP05	Kewanee Boiler, 16.70 MMBtu/hr, M/N: H3S 4000GO, S/N: R8191	10300603
IP06	Caterpillar Emergency Diesel Generator, M/N: 3412, S/N: 81Z01351, 507 kW, 680 hp	20200102
IP07	Caterpillar Emergency Diesel Generator, M/N: 3412, S/N: 81Z04033, 563 kW, 755 hp	20200102
IP08	Caterpillar Emergency Diesel Generator, M/N: 3412, S/N: 81Z07511, 664 kW, 890 hp	20200102
IP09	Caterpillar Emergency Diesel Generator, M/N: 3412, S/N: 81Z08595, 664 kW, 890 hp	20200102
IP10	Detroit Diesel Emergency Generator, M/N: 7083-7305, S/N: 263120414, 280 kW, 375 hp	20200102
IP11	Detroit Diesel Emergency Generator, M/N: 580FDF, S/N: JB95613, 500 kW, 670 hp	20200102
IP13	Baltimore Air Coil Cooling Tower, M/N: 15368, S/N:U025238201MAD, 1,104 gpm, 3,000 ppm, 0.002% Drift Loss	38500101
IP14	Baltimore Air Coil Cooling Tower, M/N: 15368, S/N:U025238202MAD, 1,104 gpm, 3,000 ppm, 0.002% Drift Loss	38500101
IP15	RSD Cooling Tower, M/N: RSD-60, S/N: 96061, 200 gpm, 3,000 ppm TDS, 0.005% Drift Loss	38500101

EU	Description	SCC
IP16	RSD Cooling Tower, M/N: RSD-015, S/N: 07290, 45 gpm, 3,000 ppm TDS, 0.005% Drift Loss	38500101
IP17	RSD Cooling Tower, M/N: RSD-030, S/N: 4110, 90 gpm, 3,000 ppm TDS, 0.005% Drift Loss	38500101
IP18	Evapco Cooling Tower, M/N: AT19314, S/N: W016699, 440 gpm, 3,000 ppm TDS, 0.001% Drift Loss	38500101
IP21	Evapco Cooling Tower, M/N: ATC165, S/N: 988621W, 200 gpm, 3,000 ppm TDS, 0.001% Drift Loss	38500101
IP22	RSD Cooling Tower, M/N: RSD-60, S/N: 88201, 150 gpm, 3,000 ppm TDS, 0.005% Drift Loss	38500101
IP24	Evapco Cooling Tower, M/N: AT19311, S/N: W016698, 444 gpm, 3,000 ppm TDS, 0.001% Drift Loss	38500101
IP25	RSD Cooling Tower, M/N: RSD-30-RT, S/N: 89251, 100 gpm, 3,000 ppm TDS, 0.005% Drift Loss	38500101
IP26	Spray Paint Booth (21'x 50')	40200101
IP27	Heidelberg Printing Press, M/N: SORDZ, S/N 503668	40500212
IP28	Heidelberg Printing Press, M/N: SORM, S/N: 503739	40500212
IP29	Heidelberg Printing Press, M/N: H222, S/N: 71498	40500212
IP30	ATF Chief Printing Press, M/N: 2.17, S/N: 219-7857	40500212
IP31	ATF Chief Printing Press, M/N: 2.17, S/N: 222-9102	40500212
IP32	Evapco Cooling Tower, M/N: ATC165B, S/N: 5123770, 300 gpm, 3,000 ppm TDS, 0.001% Drift Loss	38500101
IP33	Evapco Cooling Tower, M/N: ATC165B, S/N: 5123771, 300 gpm, 3,000 ppm TDS, 0.001% Drift Loss	38500101
IP34	Air Sentry, Inc. Dust Collector; M/N: 205055CP; S/N: 1216	30700808
IP35	Evapco Cooling Tower, M/N: ATC-165B, S/N: 8349770, 270 gpm, 3,000 ppm TDS, 0.001% Drift Loss	38500101

2. Emission Limitations

- a. Neither the actual nor the allowable emissions from the individual emission units outlined in Tables IV-G-2 and IV-G-3 shall exceed the calculated PTE:

Table IV-G-2: PTE (tons per year) – Imperial Palace

EU	Rating	Conditions	PM ₁₀	NO _x	CO	SO _x	VOC	HAP
IP01 ¹	1.25 MMBtu/hr	15,000 hr/yr	0.07	0.46	0.77	0.01	0.05	0.02
IP02 ¹	1.25 MMBtu/hr							
IP03 ¹	1.25 MMBtu/hr							
IP04	16.70 MMBtu/hr	8,760 hr/yr	0.55	3.58	5.43	0.04	0.39	0.14
IP05	16.70 MMBtu/hr	8,760 hr/yr	0.55	3.58	5.43	0.04	0.39	0.14
IP06	680 hp, 507 kW	52.0 hr/yr	0.01	0.42	0.10	0.01	0.01	0.01
IP07	755 hp, 563 kW	52.0 hr/yr	0.01	0.47	0.11	0.01	0.01	0.01
IP08	890 hp, 664 kW	52.0 hr/yr	0.02	0.56	0.13	0.01	0.02	0.01
IP09	890 hp, 664 kW	52.0 hr/yr	0.02	0.56	0.13	0.01	0.02	0.01
IP10	375 hp, 280 kW	52.0 hr/yr	0.02	0.30	0.07	0.02	0.02	0.01
IP11	670 hp, 500 kW	52.0 hr/yr	0.01	0.42	0.10	0.01	0.01	0.01
IP13	1,104 gal/min	8,760 hr/yr	0.07	0.00	0.00	0.00	0.00	0.00
IP14	1,104 gal/min	8,760 hr/yr	0.07	0.00	0.00	0.00	0.00	0.00
IP15	200 gal/min	8,760 hr/yr	0.03	0.00	0.00	0.00	0.00	0.00
IP16	45 gal/min	8,760 hr/yr	0.01	0.00	0.00	0.00	0.00	0.00
IP17	90 gal/min	8,760 hr/yr	0.01	0.00	0.00	0.00	0.00	0.00
IP18	440 gal/min	8,760 hr/yr	0.01	0.00	0.00	0.00	0.00	0.00

EU	Rating	Conditions	PM ₁₀	NO _x	CO	SO _x	VOC	HAP
IP21	200 gal/min	8,760 hr/yr	0.01	0.00	0.00	0.00	0.00	0.00
IP22	150 gal/min	8,760 hr/yr	0.02	0.00	0.00	0.00	0.00	0.00
IP24	444 gal/min	8,760 hr/yr	0.01	0.00	0.00	0.00	0.00	0.00
IP25	100 gal/min	8,760 hr/yr	0.02	0.00	0.00	0.00	0.00	0.00
IP26	1.75 lbs/gal VOC	1,292 gal/yr	0.00	0.00	0.00	0.00	1.13	0.53
IP27 ²	4.33 lbs/gal VOC	1,071 gal/yr	0.00	0.00	0.00	0.00	2.31	1.09
IP28 ²								
IP29 ²								
IP30 ²								
IP31 ²								
IP32	300 gal/min	8,760 hr/yr	0.01	0.00	0.00	0.00	0.00	0.00
IP33	300 gal/min	8,760 hr/yr	0.01	0.00	0.00	0.00	0.00	0.00
IP34	2,600 cfm	2,080 hr/yr	0.46	0.00	0.00	0.00	0.00	0.00
IP35	270 gal/min	8,760 hr/yr	0.01	0.00	0.00	0.00	0.00	0.00

¹Emissions and operation of the three Ajax boilers (IP01, IP02, and IP03) have combined limitations as indicated in the Table above.

²Emissions and operation of the five presses (IP27, IP28, IP29, IP30, and IP31) have combined limitations as indicated in the Table above.

Table IV-G-3: PTE (pounds per hour) – Imperial Palace

EU	Rating	Conditions	PM ₁₀	NO _x	CO	SO _x	VOC	HAP
IP04	16.70 MMBtu/hr	8,760 hr/yr	0.13	0.82	1.24	0.01	0.09	0.03
IP05	16.70 MMBtu/hr	8,760 hr/yr	0.13	0.82	1.24	0.01	0.09	0.03

- b. The Permittee shall not discharge into the atmosphere, from any emission unit, any air contaminant in excess of an average of 20 percent opacity for a period of more than 6 consecutive minutes, when viewed in accordance with EPA Method 9.

3. Production Limitations

- a. The Permittee shall limit operation of each of the three 1.25 MMBtu/hr Ajax boilers to 24.0 hours per day and cumulatively to 15,000 hours per year (EUs: IP01 through IP03, inclusive).
- b. The Permittee shall limit operation of the 680 hp Caterpillar emergency diesel generator to 2.0 hours per day and 52.0 hours per year for testing and maintenance purposes only. There is no limitation for operating during emergencies (EU: IP06).
- c. The Permittee shall limit operation of the 755 hp Caterpillar emergency diesel generator to 2.0 hours per day and 52.0 hours per year for testing and maintenance purposes only. There is no limitation for operating during emergencies (EU: IP07).
- d. The Permittee shall limit operation of each of the two 890 hp Caterpillar emergency diesel generators to 2.0 hours per day and 52.0 hours per year for testing and maintenance purposes only. There is no limitation for operating during emergencies (EUs: IP08 and IP09).
- e. The Permittee shall limit operation of the 375 hp Detroit Diesel emergency diesel generator to 2.0 hours per day and 52.0 hours per year for testing and maintenance purposes only. There is no limitation for operating during emergencies (EU: IP10).
- f. The Permittee shall limit operation of the 670 hp Detroit Diesel emergency diesel generator to 2.0 hours per day and 52.0 hours per year for testing and maintenance purposes only. There is no limitation for operating during emergencies (EU: IP11).

- g. The Permittee shall limit the consumption of VOC- and HAP-containing paints, lacquers, thinners, solvents, etc. for surface coating purposes at the Imperial Palace Hotel and Casino not exceed neither 129.0 gallons per month nor 1,292 gallons per year (EU: IP26).
- h. The Permittee shall limit the consumption of VOC- and HAP-containing inks, developers, cleaners, solutions, solvents, etc. for printing purposes at the Imperial Palace Hotel and Casino not exceed neither 70.0 gallons per month nor 700 gallons per year based on a weighted average VOC content of 7.25 pounds per gallon and a HAP content that is based on 47 percent of the VOC content (EUs: IP27 through IP31, inclusive).
- i. The Permittee shall limit the operation of the Air Sentry, Inc., dust collector to 2,080 hours a year (EU: IP34).
- j. The Permittee shall not operate the Evapco cooling tower with a circulation rate greater than 270 gallons per minute (EU: IP35).

4. Control Requirements

- a. The Permittee shall equip each of the three 1.25 MMBtu/hr Ajax boilers with low-NO_x burners (EUs: IP01 through IP03, inclusive). Each boiler shall emit no more than 40.2 ppm NO_x and no more than 110.5 ppm CO (corrected to 3 percent oxygen) during operation.
- b. The Permittee shall equip each of the two 16.70 MMBtu/hr Kewanee boilers with low-NO_x burners (EUs: IP04 and IP05). Each boiler shall emit no more than 40.2 ppm NO_x and no more than 100 ppm CO (corrected to 3 percent oxygen) during operation.
- c. The Permittee shall equip each of the four Caterpillar emergency diesel generators with turbochargers and aftercoolers (EUs: IP06 through IP09, inclusive).
- d. The Permittee shall equip each of the two Detroit Diesel emergency diesel generators with turbochargers (EUs: IP10 and IP11).
- e. The Permittee shall equip the Baltimore Aircoil cooling tower with drift eliminators with a manufacturer's maximum drift rate of 0.002 percent (EU: IP14).
- f. The Permittee shall equip each of the five RSD cooling towers with drift eliminators with a manufacturer's maximum drift rate of 0.005 percent (EUs: IP15, IP16, IP17, IP22, and IP25).
- g. The Permittee shall equip each of the five Evapco cooling towers with drift eliminators with a manufacturer's maximum drift rate of 0.001 percent (EUs: IP21, IP24, IP32, IP33, and IP35).
- h. The Permittee shall maintain the cooling water such that the maximum TDS content shall not exceed 3,000 ppm.
- i. The Permittee shall use no-VOC or low-VOC washes, fountain solutions, alcohol substitutes and inks for printing purposes whenever possible. These substitutions shall be included in the annual report to the Control Officer. No changes in the currently used process chemicals to products with higher VOC content may be made with prior approval from the Control Officer.
- j. Spent wash for printing purposes shall be stored in a Department of Transportation (DOT)-approved barrel or container which shall be closed at all times when not being filled. All wash solution tanks shall be inspected daily for leaks.
- k. In addition to the above control requirements, the Permittee shall also comply with the applicable control requirements outlined in Section H of this permit.

5. Monitoring, Testing, Recordkeeping, and Reporting

- a. Monitoring requirements are outlined in Section I of this permit.
- b. Performance testing is required for emission units IP04, and IP05. Performance testing requirements are outlined in Section J of this permit.
- c. Recordkeeping requirements are outlined in section J of this permit.
- d. Reporting requirements are outlined in section K of this permit.

H. GENERAL CONTROL REQUIREMENTS

[Authority for all values, limits, and conditions in this section: NSR ATC 257, Modification 12, Revision 0, (06/25/2009)]

The following control requirements apply to all facilities permitted at this stationary source:

1. The Permittee shall combust only natural gas in all water boilers/heaters.
2. The Permittee shall operate and maintain all water boilers/heaters in accordance with the manufacturer's specifications.
3. The Permittee shall operate and maintain all diesel generators and fire pumps in accordance with the manufacturer's specifications. All diesel generators and fire pumps shall combust only low sulfur (<0.05 percent) diesel fuel.
4. The Permittee shall operate and maintain all cooling towers in accordance with the manufacturer's specifications. No chromium-containing compounds shall be used for water treatment. *[40 CFR 63, Subpart Q]*
5. The Permittee shall not operate spray booths unless all exhaust air passes through appropriate filter media having a particulate capture efficiency of at least 99.0 percent. (This is usually accomplished with tacky filter material that is at least 2 inches thick.) The dry filter media must cover all openings in the spray booth.
6. The Permittee shall not use open containers for storage or disposal of solvent-containing cloth or paper (excluding masking tape) used for surface preparation and cleanup.
7. The Permittee shall employ good housekeeping practices to prevent the accumulation and/or dispersal of particulate matter from sanding, blasting, surface preparation, etc. carried out in conjunction with surface coating operations. No more than 0.25 inches of particulate matter shall accumulate on surrounding surfaces at any time.
8. All filters or other control equipment associated with surface coating operations shall follow manufacturer's specifications for use and operation. Dry filters must be changed at sufficient intervals to prevent a decrease in their effectiveness and prevent them from clogging.
9. The Permittee shall use a manometer (or equivalent) to monitor the pressure drop across the spray booth filters. The filters should be replaced when the pressure drop exceeds 0.25 inches of water (6.35 millimeters of water), unless the manufacturer's specifications for use indicate a different pressure drop value.
10. The Permittee shall clean surface coating application equipment in an enclosed container to minimize VOC volatilization into the ambient air.
11. All solvent containers associated with surface coating operations shall remain securely closed, except during product transfer. Containers shall be inspected regularly for leakage and the contents of any leaking container must be immediately transferred to an

appropriately labeled container that has been specifically designed for storage of the compound.

12. Pursuant to AQR Sections 40 and 43, no person shall cause, suffer or allow the discharge from any source whatsoever such quantities of air contaminants or other material which cause a nuisance.
13. The Permittee must not allow gasoline to be handled in a manner that would result in vapor releases to the atmosphere for extended periods of time. Measures to be taken include, but are not limited to, the following [40 CFR 63.11116]:
 - a. minimize gasoline spills;
 - b. clean up spills as expeditiously as practicable;
 - c. cover all open gasoline containers and all gasoline storage tank fill-pipes with a gasketed seal when not in use;
 - d. minimize gasoline sent to open waste collection systems that collect and transport gasoline to reclamation and recycling devices, such as oil/water separators;
 - e. the Permittee shall have records documenting gasoline throughput within 24 hours of a request of the Control Officer; and
 - f. the Permittee must comply with the requirements of the 40 CFR 63, Subpart CCCCC by January 10, 2011.
14. Compliance with the provisions of 40 CFR 60 Subpart IIII contained within this document shall be demonstrated through all of the following [40 CFR 60.4202]:
 - a. operation of the engine according to the manufacturer's written instructions or procedures developed by the Permittee that are approved by the engine manufacturer; and
 - b. the installation and configuration of the engine according to the manufacturer's specifications.

I. MONITORING

1. For boilers that are subject to 40 CFR Part 60 Subpart Dc, the Permittee shall install and utilize non-resettable fuel meters such that the daily consumption of natural gas can be established for each applicable boiler EUs: FL01, FL02, FL03, FL04, BA01, BA02, BA03, CP01, CP02, CP03, CP04, CP05, CP26, CP27, PA14, PA15, PA16, IP04, and IP05 are equipped with individual fuel meters. [AQR 19.4.1.3]
2. Diesel engines shall utilize non-resettable hour meters such that the daily operating hours can be established for each applicable engine (EUs: HA12, HA13, HA14, HA15, HA16, HA17, HA18, HA24, FL06, FL07, FL08, FL09, FL10, FL11, FL12, BA04, BA05, BA06, BA07, BA08, BA09, BA10, BA11, BA12, BH01, BH02, CP13, CP14, CP15, CP16, CP17, CP18, CP28, CP29, CP34, CP35, PA17, PA18, IP06, IP07, IP08, IP09, IP10, and IP11). [AQR 19.4.1.3]
3. The Permittee shall perform visual emissions checks each calendar quarter on a source-wide level for each emission unit. The quarterly visual checks shall include the boilers, diesel-fired emergency generators and fire pumps while operating to demonstrate compliance with the opacity limit. If any of the diesel-fired emergency generators or fire pumps does not operate during the calendar quarter, then no observation of that unit shall be required. If visible emissions are observed, then corrective actions shall be taken to minimize the emissions and the opacity of emissions shall be visually determined in accordance with 40 CFR 60 Appendix A: Reference Method 9. [AQR 19.4.1.3]

4. When requested by the Control Officer, opacity levels are to be measured and calculated as set forth in 40 CFR part 86, Subpart I (EUs: CP28, CP29, CP34 and CP35). *[40 CFR 68, Subpart I]*
5. The Permittee shall inspect spray paint booth and all ancillary equipment for leaks, malfunctions, proper operation of gauges and pressure drops, each day the booth is operated. A log must be kept of such inspections as well as any corrective actions taken to repair the equipment.
6. The Permittee shall continue to monitor the TDS in the cooling tower circulating water monthly using a DAQEM approved method. *[AQR 19.4.1.3]*
7. Pursuant to AQR Subsections 12.8.1, the Permittee shall conduct daily inspections for requirements listed in AQR Subsection 52.4 that are associated with the Phase I vapor recovery system to determine if components of the system are defective. *[AQR 12.8]*

J. TESTING

Burner Efficiency Tests:

1. Pursuant to AQR Section 49, the Permittee of a boiler with a maximum heat input rating equal to or greater than 4.0 MMBtu/hr shall perform burner efficiency tests (boiler tune-ups) on that boiler. Burner efficiency tests shall be conducted in accordance with the manufacturer's specifications and specifications for good combustion practices (EUs: HA06, HA07, HA11, FL01, FL05, BH03, CP01, CP02, CP03, CP04, CP05, CP26, CP27, PA14, PA15, PA16, IP04 and IP05). *[AQR 19.4.1.3]*
2. The Permittee operating a boiler with a maximum heat input rating equal to or greater than 4.0 MMBtu/hr but less than 10.0 MMBtu/hr shall perform a burner efficiency test at least once each calendar year (EUs: HA06, HA11, HA07, FL05, and BH03). *[AQR 19.4.1.3]*
3. The Permittee operating a boiler with a maximum heat input rating of 10.0 MMBtu/hr or greater shall perform burner efficiency tests at least twice each year. The tests shall be performed at least five (5) months but no more than seven (7) months apart during each calendar year (EUs: FL01, CP01, CP02, CP03, CP04, CP05, CP26, CP27, PA14, PA15, PA16, IP04 and IP 05). If the boiler has a permitted hourly limit of less than 2,000 hours per year, then a burner efficiency test may be performed at least once each calendar year. Currently no emission units with a heat input rating of 10.0 MMBtu/hr or greater have been proposed to operate for less than 2,000 hours per year. *[AQR 19.4.1.3]*
4. If the documented actual hours of operation of a boiler with a maximum heat input rating equal to or greater than 4.0 MMBtu/hr are zero (0) during a calendar year, the Permittee may choose not to perform a burner efficiency test on that boiler during that calendar year. To document that the actual hours of operation for that boiler are zero (0) during a calendar year, the Permittee shall install an hour meter prior to the beginning of that calendar year and maintain written records to verify the actual hours of operation during that calendar year. *[AQR 19.4.1.3]*
5. If the documented actual hours of operation of a boiler with a maximum heat input rating equal to or greater than 10.0 MMBtu/hr are less than 50 hours during a calendar year, the Permittee may perform a burner efficiency test on that boiler only once during that calendar year. To document that the actual hours of operation for that boiler are less than 50 hours during a calendar year, the Permittee shall install an hour meter prior to the beginning of that calendar year and maintain written records to verify the actual hours of operation during that calendar year. *[AQR 19.4.1.3]*
6. A performance test conducted in accordance with AQR Subsection 49.4 may replace a required burner efficiency test as approved by the Control Officer. *[AQR 19.4.1.3]*

Performance Tests:

7. Performance testing applies to emission units FL01, FL02, FL03, FL04, BA01, BA02, BA03, CP01, CP02, CP03, CP04, CP05, CP26, CP27, PA14, PA15, PA16, IP04, and IP05. [AQR 19.4.1.3]
8. Performance testing is subject to the requirements of 40 CFR 60 (as amended), and AQR Section 49. Performance testing shall be the instrument for determining compliance with emission limitations set forth in this permit for all boilers that have a heat input rating equal to or greater than 10.0 MMBtu/hr. [AQR 19.4.1.3]
9. Subsequent performance testing shall be conducted at a frequency of no later than once every 5 years from the previous performance test on that boiler. Subsequent performance testing shall be conducted on emission units FL01, FL02, FL03, FL04, BA01, BA02, BA03, CP01, CP02, CP03, CP04, CP05, CP26, CP27, PA14, PA15, PA16, IP04, and IP05. [AQR 19.4.1.3]

Table IV-J-1: Performance Testing Protocol Requirements

Test Point	Pollutant	Method
Boiler Exhaust Outlet Stack	NOx	EPA Method 7E
Boiler Exhaust Outlet Stack	CO	EPA Method 10 analyzer
Boiler Exhaust Outlet Stack	PM ₁₀	EPA Method 9
Stack Gas Parameters	-	EPA Methods 1, 2, 3A, and 4

Note: 40 CFR Part 60, Subpart Dc and AQR Section 49 are applicable to this facility.

10. 40 CFR Part 60 Subpart Dc are applicable to emission units FL01, FL02, FL03, FL04, CP01, CP02, CP03, CP04, CP05, CP26, CP27, PA14, PA15, PA16, IP04, and IP05.
11. AQR Section 49 (as revised) is applicable to emission units HA06, HA07, HA11, FL01, FL05, BH03, CP01, CP02, CP03, CP04, CP05, CP26, CP27, PA14, PA15, and PA16.
12. The following general performance testing requirements of the Phase I and/or Phase II apply to the EU: FL25 (Phase I) and CP32 (Phase I and II) [AQR 19.4.1.3]:
 - a. Each performance tests shall be conducted in accordance with the applicable CARB Test Procedure that is required by the CARB EO.
 - b. The source shall give a 7-day written prior notice of the date of the test to the Control Officer.
 - c. Any prior approved scheduled performance test cannot be canceled and/or rescheduled except with the prior approval of the Control Officer.
 - d. Within 60 days from the end of an initial or annual performance test, source shall submit a report containing the results of such test to the Control Officer.
 - e. The report shall have, as the first page of text, a signed Certification of Performance Test Results (see Attached).
 - f. Each performance test shall be conducted by a DAQEM approved Certified Phase II Vapor Recovery Tester, as defined in AQR Subsection 52.2.
 - g. If any performance test fails, then the affected portion of the GDO will be tagged "Out of Order" until corrective action has been taken and the retest passed.
 - h. If the source fails a performance test, DAQEM shall be notified within 24 hours or by 12:00 p.m. (Noon) of DAQEM's next business day, whichever is soonest. Repairs to correct the defects shall be made and a retest scheduled with DAQEM. The retest shall be scheduled within 10 calendar days of the failed test. If the repairs and

retest cannot be accomplished within 10 calendar days, the source must submit the reasons and a proposed date for retesting in writing to DAQEM for approval.

- i. The source shall conduct performance tests listed in Table IV-J-2:

Table IV-J-2: Required Performance Test Criterion: Balance System

Description	CARB Test Procedure	Standard
Pressure decay/leak: vapor control system including nozzles and underground tanks	TP-201.3	Initial: 2" wc Final: Referenced Value
Dynamic Back Pressure	TP-201.4	0.5" wc @ 60 SCFH, N ₂ ²
A/L Test ¹	TP-201.5	See Table IV-B-1
Dispensing nozzle flow rate ¹	As Specified in EO G-70-17 series	10 gpm (max.)

¹A/L minimum and maximum results by system type U.S. EPA Federal Register, Volume 58, Number 55, Page 16019.
²If the source fails the Dynamic Back Pressure performance test, the source shall be required to comply with additional performance testing requirements in accordance with the applicable EO for this equipment.

13. Initial Performance Test [AQR 19.4.1.3]:

- a. The source shall conduct and pass an initial performance test within 30 days of the source commencing operations.
- b. The source shall conduct and pass an initial performance test within 30 days of commencing operations of new emission units that require performance testing.
- c. The source shall conduct and pass an initial performance test within 30 days of commencing operations of modified emission units that require performance testing.
- d. The initial performance test must be witnessed by an inspector from the DAQEM.

14. Annual Performance Test [AQR 19.4.1.3]:

- a. Annual performance testing shall be accomplished prior to the anniversary date of the previous performance test that the source passed.
- b. Pursuant to AQR Section 4, the Control Officer may require additional testing.

15. Testing of diesel emergency generators shall not take place during CO advisories. It is the Permittee's responsibility to satisfy all federal requirements to which this facility is subject.

K. RECORD KEEPING

- 1. All records and logs shall be made available to the Control Officer upon request. [AQR 19.4.1.3]
- 2. All records and logs or a copy thereof, shall be kept on-site for a minimum of 5 years from the date the measurement or data was entered. [AQR 19.4.1.3]
- 3. Various records and logs shall contain, at minimum, the following information [AQR 19.4.1.3]:
 - a. annual hours of operation of each boiler that is not categorically exempt and not covered by b or c of this section;
 - b. annual hours of operation of each boiler that is subject to AQR Section 49 (EUs: HA06, HA11, HA07, FL01, FL05, BH03, CP01, CP02, CP03, CP04, CP05, CP26, CP27, PA14, PA15, PA16, IP04, and IP05);

- c. daily amount of natural gas consumed (in MMBtu, scf or therms) for each boiler that is subject to 40 CFR Part 60 Subpart Dc (EUs: FL01, FL02, FL03, FL04, CP01, CP02, CP03, CP04, CP05, CP26, CP27, PA14, PA15, PA16, IP04, and IP05);
 - d. daily operating hours of each diesel emergency generator used for testing and maintenance purposes, and separately for use during emergencies (EUs: HA13, HA14, HA15, HA16, HA17, HA18, HA24, FL07, FL08, FL09, FL10, FL11, FL12, BA04, BA05, BA06, BA07, BA11, BA12, BH01, BH02, CP13, CP14, CP15, CP16, CP17, CP28, CP29, PA17, PA18, CP28, CP29, IP06, IP07, IP08, IP09, IP10, and IP11);
 - e. daily operating hours of each diesel fire pump used for testing and maintenance purposes, and separately for use during emergencies (EUs: HA12, FL06, BA08, BA09, BA10, CP18, CP34, and CP35);
 - f. estimated monthly hours of operation of each cooling tower (EUs: HA19, HA20, HA21, FL13, FL14, FL15, FL16, FL17, FL18, FL19, FL20, FL21, FL22, BA14, BA15, BH05, BH06, CP19a, CP19b, CP19c, CP20, CP21, CP22, CP30a, CP30b, CP30c, CP31a, CP31b, CP31c, PA19, PA20, PA21, PA22, PA23, IP12, IP13, IP14, IP15, IP16, IP17, IP18, IP21, IP22, IP23, IP24, IP25, IP32, IP33, and IP35);
 - g. estimated monthly hours of operation of dust collectors (EUs: HA25, PA25, CP34, IP34, and FL24);
 - h. sulfur content of diesel fuel;
 - i. cetane index or aromatic content (in percent by volume) of diesel fuel (EUs: CP28, CP29, CP34, and CP35) [40 CFR 60.4214];
 - j. records of the total monthly consumption (in gallons) of each VOC-containing compound related to surface coating activities (paints, basecoats, primers, reducers, thinners, solvents, etc.);
 - k. records of the total monthly consumption (in gallons) of each VOC-containing compound related to printing activities (inks, developers fountain solutions, alcohol substitutes, cleaning solutions, solvents, etc.);
 - l. MSDS or records demonstrating the VOC and HAP content for each compound used for surface coating and printing activities;
 - m. monthly TDS content of tower circulation water;
 - n. monthly and 12-month rolling total gasoline throughput [40 CFR 63.11116(b)];
 - o. a log book of all inspections, maintenance, and repairs as specified in this document;
 - p. records of burner efficiency and performance testing as specified in Sections IV-J of this document; and
 - q. results of performance testing.
4. All records, i.e., daily self-inspection records, daily logs, etc., or a copy thereof, for Phase I, shall contain, at minimum, the following information [AQR 19.4.1.3]:
 - a. a record of any maintenance on any part of the Phase I equipment, including a general description of the maintenance;
 - b. the date and time the equipment was taken out-of-service;
 - c. the date of repair or replacement;
 - d. a general description of the part location (e.g., pump, tank, nozzle number, etc.);
 - e. a description of the problem; and

- f. the results of the daily inspections.
- 5. Sulfur content of diesel fuel shall be certified by the supplier with each fuel delivery. [AQR 19.4.1.3]
- 6. For all Inspections, visible emission checks, and testing required under monitoring, logs, reports, and records shall include at least the date and time, the name of the person performing the action, the results or findings, and the type of corrective action taken (if required). [AQR 19.4.1.3]
- 7. Records and data required by this permit to be maintained by the Permittee may, at the Permittee's expense, be audited at any time by a third party selected by the Control Officer. This third party shall be subject to the same business confidentiality terms binding DAQEM during investigations and data gathering. [AQR 19.4.1.3]

L. REPORTING

- 1. The Permittee shall submit quarterly reports. [AQR 19.4.1.3]
- 2. Each quarterly report shall [AQR 19.4.1.3]:
 - a. include, as the first page of text, a signed certification containing the sentence, "I certify that, based on information and belief formed after reasonable inquiry, the statements contained in this document are true, accurate and complete." This statement shall be signed and dated by a responsible official of the company;
 - b. include a summary of items listed in Conditions IV-K-3-a through k;
 - c. include quarterly summaries of any permit deviations, their probable cause and corrective actions or preventative actions taken;
 - d. be based on the calendar quarter (including partial calendar quarters);
 - e. be submitted within 30 days after the end of the calendar quarter; and
 - f. be addressed to the attention of the Control Officer.
- 3. Regardless of the date of issuance of this permit, the schedule for the submittal of reports to the Control Officer shall be as follows [AQR 19.4.1.3]:

Table IV-C-1: Reporting Schedule

Quarter	Applicable Period	Due Date ¹	Required Contents
1	January, February, March	April 30 Each year	Quarterly Report for 1st Calendar Quarter
2	April, May, June	July 30 Each year	Quarterly Report for 2nd Calendar Quarter
3	July, August, September	October 30 Each year	Quarterly Report for 3rd Calendar Quarter
4	October, November, December	January 30 Each year	Quarterly Report for 4th Calendar Quarter and Annual Compliance Certification Report

¹ If the due date falls on a Saturday, Sunday or legal holiday, then the submittal is due on the next regularly scheduled business day.

- 4. The following requirements apply to annual reports: [AQR 19.4.1.3]
 - a. The report shall contain a summary of the quarterly reports for the calendar year.
 - b. The report shall include an annual summary of any permit deviations;
 - c. The report shall be based on a calendar year, which includes partial calendar years.

- d. The report shall be received by DAQEM within 30 calendar days after the calendar year.
- 5. The following requirements apply to annual emissions inventory reports: *[AQR 19.4.1.3]*
 - a. The annual emissions inventory shall be received by DAQEM no later than March 31 after the reporting year.
 - b. The Permittee shall submit the report to DAQEM.
 - c. The report shall be addressed to the attention of the DAQEM Control Officer.
 - d. The report shall include the emission factors and calculations used to determine the emissions from each permitted emission unit, even when an emission unit is not operated.
- 6. Each annual performance test report shall: *[AQR 19.4.1.3]*
 - a. have, as the first page of text, a signed Annual Throughput Report and Certification Form;
 - b. be addressed to the attention of the DAQEM Control Officer;
 - c. be submitted within sixty (60) days from the end of an annual test; and
 - d. contain the results of the test.
- 7. Each annual gasoline dispensing facility and vapor recovery equipment survey shall: *[AQR 19.4.1.3]*
 - a. be submitted within 30 days of receipt of survey;
 - b. contain the description of Phase I and II vapor recovery equipment;
 - c. contain the number of aboveground storage tanks and hoses;
 - d. contain the name of owner or operator responsible for vapor recovery system operation;
 - e. The Permittee shall submit the report to DAQEM; and
 - f. be addressed to the attention of the Control Officer.

V. OTHER REQUIREMENTS

- 1. Beginning June 1, 2010, only diesel fuel with a maximum sulfur content of 15 ppm and either a minimum cetane index of 40 or a maximum aromatic content of 35 percent by volume may be used in the diesel engine. *[40 CFR 60.4207]*
- 2. The Permittee shall not use, sell, or offer for sale any fluid as a substitute material for any motor vehicle, residential, commercial, or industrial air conditioning system, refrigerator freezer unit, or other cooling or heating device designated to use a chlorofluorocarbon (CFC) or hydrochlorofluorocarbon (HCFC) compound as a working fluid, unless such fluid has been approved for sale in such use by the Administrator. The Permittee shall keep record of all paperwork relevant to the applicable requirements of 40 CFR 82 on site. *[40 CFR 82]*

VI. PERMIT SHIELD

Compliance with the terms contained in this permit shall be deemed compliance with the following applicable requirements in effect on the date of permit issuance:

Table VI-1: Applicable Requirements Related to Permit Shield

Citation	Title
40 CFR Part 60, Subpart Dc	Standards of Performance for New Stationary Sources (NSPS) – Small Industrial-Commercial-Institutional Steam Generating Units

Citation	Title
40 CFR Part 60, Subpart IIII	Standards of Performance for New Stationary Sources (NSPS) – Stationary Compression Ignition (CI) Internal Combustion Engines (ICE)

VII. ATTACHMENTS

1. APPLICABLE REGULATIONS

REQUIREMENTS SPECIFICALLY IDENTIFIED AS APPLICABLE:

1. Nevada Revised Statutes (NRS), Chapter 445B.
2. Clark County Air Quality Regulations (AQR) Applicable AQR Sections:

Citation	Title
AQR Section 0	Definitions
AQR Section 4	Control Officer
AQR Section 11	Ambient Air Quality Standards
AQR Section 12.1	General application requirements for construction of new and modified sources of air pollution
AQR Section 12.2.2	Requirements for specific air pollutants: PM ₁₀ emission source located in the Serious Non-Attainment Area
AQR Section 12.2.7	Requirements for specific air pollutants: CO sources located in the Serious Non-Attainment Area
AQR Section 12.2.12	Requirements for specific air pollutants: VOC sources located in the Management Area
AQR Section 12.2.	Requirements for specific air pollutants: NO _x sources located in the Management Area
AQR Section 12.2.16	Requirements for specific air pollutants: SO ₂ sources located in the PSD area
AQR Section 12.2.19	Requirements for specific air pollutants: TCS sources in Clark County
AQR Section 12.5	Air Quality Models
AQR Section 14.1.1 Subpart A	New Source Performance Standards (NSPS) General Provisions
AQR Section 14.1.15 Subpart Dc	New Source Performance Standards – Standards of Performance for Small Industrial – Commercial – Institutional Steam Generating Units
AQR Section 16	DAQEM Operating Permits
AQR Section 18	Permit and Technical Service Fees
AQR Section 19	40 CFR Part 70 Operating Permits
AQR Section 24	Sampling and Testing - Records and Reports
AQR Section 25	Upset/Breakdown, Malfunctions
AQR Section 26	Emissions of Visible Air Contaminants
AQR Section 28	Fuel Burning Equipment
AQR Section 29	Sulfur Content of Fuel Oil
AQR Section 40	Prohibition of Nuisance Conditions
AQR Section 41	Fugitive Dust
AQR Section 42	Open Burning
AQR Section 43	Odors in the Ambient Air
AQR Section 49	Emission Standards for Boilers and Steam Generators Burning Fossil Fuels
AQR Section 55	Preconstruction review for New or Modified Stationary Sources in the 8-Hour Ozone Nonattainment Area
AQR Section 60	Evaporation and Leakage
AQR Section 70.4	Emergency Procedures

Citation	Title
AQR Section 80	Circumvention

3. Clean Air Act, as amended (CAAA), Authority: 42 U.S.C. § 7401, et seq
4. Title 40 of the Code of Federal Regulations (40 CFR) Applicable 40 CFR Subsections:

Citation	Title
40 CFR Part 52.21	Prevention of Significant Deterioration (PSD)
40 CFR Part 52.1470	SIP Rules
40 CFR Part 60, Subpart A	Standards of Performance for New Stationary Sources (NSPS) – General Provisions
40 CFR Part 60, Subpart Dc	Standards of Performance for New Stationary Sources (NSPS) – Small Industrial-Commercial-Institutional Steam Generating Units
40 CFR Part 60	Appendix A, Method 9 or equivalent, (Opacity)
40 CFR Part 60, Subpart IIII	Standards of Performance for New Stationary Sources (NSPS) – Stationary Compression Ignition (CI) Internal Combustion Engines (ICE)
40 CFR Part 70	Federally Mandated Operating Permits
40 CFR Part 82	Protection of Stratospheric Ozone