



**MOJAVE DESERT AIR QUALITY MANAGEMENT DISTRICT**

14306 Park Avenue Victorville, CA 92392-2310  
760.245.1661 -- 800.635.4617 -- FAX 760.245.2022

**PERMIT TO OPERATE**

B011544

Operation under this permit must be conducted in compliance with all information included with the initial application, initial permit condition, and conditions contained herein. The equipment must be maintained and kept in good operating condition at all times. This Permit to Operate or copy must be posted on or within 8 meters of equipment. If a copy is posted, the original must be maintained on site, available for inspection at all times.

**EXPIRES LAST DAY OF: OCTOBER 2026**

**OWNER OF OPERATOR (Co.#1769)**

Solar Partners II, LLC  
HCR1 Box 280  
Nipton, CA 92364

**EQUIPMENT LOCATION (Fac.#3007)**

Ivanpah 1  
Near Ca/Nev border at Primm  
Ivanpah, CA 92364

**Description:**

BOILER, NIGHT TIME PRESERVATION consisting of: Boiler, Hurst, Year of Manufacture 2012, Serial Number S750-200-6, equipped with Low-NOx Power Flame Burners, Model NVC5-G-30 rated at a maximum heat input of 6.3 MMBtu, fueled exclusively on utility grade natural gas. Equipment shall use 9,730 cu-ft/hr of fuel and provide 5,175 lb/hr of steam. Equipment Elevation is 2887 feet above sea level.

**EQUIPMENT**

Capacity	Equipment Description
10	MILLION BTU/HR BOILER

**CONDITIONS:**

1. This equipment shall be installed, operated and maintained in strict accordance with those recommendations of the manufacturer/supplier and/or sound engineering principles which produce the minimum emissions of contaminants. Unless otherwise noted, this equipment shall also be operated in accordance with all data and specifications submitted with the application for this permit. [District Rule 204; 40 CFR 63, Subpart DDDDD: 63.7500]

Fee Schedule: 2 (d)

Rating: 1000000 Btu

SIC: 4911

SCC: 10300602

Location/UTM(Km):  
640E/3933N

This permit does not authorize the emission of air contaminants in excess of those allowed by law, including Division 26 of the Health and Safety Code of the State of California and the Rules and Regulations of the District. This permit cannot be construed as permission to violate existing laws, ordinances, statutes or regulations of this or other governmental agencies. This permit must be renewed by the expiration date above. If billing for renewal fee required by Rule 301(c) is not received by expiration date above, please contact the District.

Solar Partners II, LLC  
HCR1 Box 280  
Nipton, CA 92364

By: **COPY**  
**Eldon Heaston**  
Air Pollution Control Officer

2. This boiler shall use only utility grade natural gas as fuel.

[District Rule 1302(C)(2)(a)]

3. The owner/operator shall maintain a current, on-site (at a central location if necessary) log for this equipment for five (5) years, which shall be provided to District, state, or federal personnel upon request. This log shall include calendar year fuel use for this equipment in standard cubic feet, or BTUs, and daily hours of operation.

[District Rule 204]

4. The owner/operator shall perform annual tune-ups in accordance with the unit manufacturer's specified tune-up procedure, by a qualified technician.

[District Rule 204; 1157.1]

5. Records of fuel supplier certifications of fuel sulfur content shall be maintained to demonstrate compliance with the sulfur dioxide and particulate matter emission limits; PUC regulated pipeline quality natural gas meets this requirement.

[District Rule 204]

6. The owner/operator shall continuously monitor and record fuel flow rate into this power block known as Ivanpah 1.

[District Rule 204]

7. The combined fuel use from the auxiliary boilers and nighttime preservation boilers shall not exceed 525 MMSCF of natural gas in any calendar year; combined fuel use is the sum total of natural gas combusted from Boilers with MDAQMD permit numbers B010375 and B011544 (Ivanpah 1) and shall not exceed a total of 525 mmscf in any calendar year in that boiler pair, B010376 and B011572 (Ivanpah 2) and shall not exceed a total of 525 mmscf in any calendar year in that boiler pair, B010377 and B011573 (Ivanpah 3) and shall not exceed a total of 525 mmscf in any calendar year in that boiler pair.

[District Rules 204; 1302(C)(2)(a); CEC Condition Of Certification]

8. A facility wide Comprehensive Emission Inventory (CEI) for all emitted criteria and toxic air pollutants must be submitted to the District, in a format approved by the District, upon District request.

[District Rule 107(b), H&S Code 39607 & 44341-44342, and 40 CFR 51, Subpart A]