

REC-111  
FBI  
SEP 11 1964  
DEP AIR QUALITY  
DIV OF PERMITS

DEP AIR QUALITY  
DIV. OF PERMITS

cc: Division of Permits, RCSOE  
Assistant Director  
SEFO  
Re (RN98)301-16B

PLAN APPROVAL CONDITIONS  
PERMIT NO. PA-23-0002  
STONEY CREEK TECHNOLOGIES, L.L.C.

CONDITIONS (continued):

2. This Plan Approval No. PA-23-0002, is issued to Stoney Creek Technologies, L.L.C. for the implementation of the following reasonably available control technology (RACT) within six (6) months of this Plan Approval issuance:
  - a. Install the hatch in the rigid seal cover on the 10' x 10' equalization box.
  - b. Install monitoring equipment to track the outlet temperature of the solvent recovery unit's waste stream.
  - c. Install ductwork to vent emissions from the severe atmospheric corrosion inhibitor (SACI) process to the solvent recycle system and the existing open flare.
  - d. Install ductwork to connect the tanks (173, 412, 414, 416, 447, 495, 620, 650, 652, 660, and 661) to the solvent recovery unit. The solvent recovery unit shall reduce volatile organic compound (VOC) emissions by at least 90%.
  - e. The company shall switch the fuel from No. 6 fuel oil to natural gas, No. 4 or No. 2 fuel oil for the Boiler Nos. 1 and 2.
  - f. Vent all VOC emissions from the SACI process condenser outlet to the solvent recycle system.
  - g. The cover flaps on secondary separator shall be permanently closed except for maintenance.
3. Monitoring and Recordkeeping Requirements
  - A. The company shall monitor and keep records of the outlet temperature of the solvent recovery unit waste stream to ensure the operating conditions achieve a 90% reduction in VOC emissions by maintaining the temperature below 20°F for the neutral streams and 40°F for the acid waste streams.
  - B. The company shall monitor the flare to ensure that they are operated and maintained in conformance with their design and in compliance with 40 CFR § 60.18.
  - C. The flare shall be operated at all times when emissions may be vented to them and when the solvent recycle system is not in operation.
  - D. The presence of a flare pilot flame shall be monitored during operation using a thermocouple or an other equivalent device.

PLAN APPROVAL CONDITIONS  
PERMIT NO. PA-23-0002  
STONE CREEK TECHNOLOGIES, L.L.C.

CONDITIONS (continued):

4. The company shall not impose conditions upon or otherwise restrict the Department's access to the aforementioned source(s) and/or any associated air cleaning device(s) and shall allow the Department to have access at any time to said source(s) and associated air cleaning device(s) with such measuring and recording equipment, including equipment recording visual observations, as the Department deems necessary and proper for performing its duties and for the effective enforcement of the Air Pollution Control Act.
6. This Plan Approval authorizes temporary operation of the source(s) covered by this Plan Approval provided the following conditions are met.
  - A. The Department must receive written notice from the owner/operator of the completion of construction and the operator's intent to commence operation at least five (5) working days prior to the completion of construction. The notice should state when construction will be completed and when operator expects to commence operation.
  - B. Operation is authorized only to facilitate the start-up and shake-down of sources and air cleaning devices, to permit operations pending the issuance of an Operating Permit or to permit the evaluation of the source(s) for compliance with all applicable regulations and requirements.
  - C. This condition authorizes temporary operation of the source(s) for a period of 180 days from the date of commencement of operation, provided the Department receives notice from the owner/operator pursuant to subpart (a), above.

