

**QUARTERLY REPORT**

**SEPTEMBER 1, 1993, THROUGH NOVEMBER 30, 1993**

**VISTA CHEMICAL COMPANY**

**ABERDEEN, MISSISSIPPI**

**61.70 (a)**

Quarterly reports which apply to this subpart will be submitted on March 15, June 15, September 15, and December 15 of each year.

**61.70 (b)**

No new source or initial report is required for this reporting period.

**61.70 (c)(1)**

No emissions from the control device (thermal oxidizer) exceeded 10 ppm vinyl chloride averaged over any 3-hour period during this reporting period. Emission requirements of 61.64 (a)(1), (b), (c), (d), and 61.65 (b)(i)(ii), b(5), (b)(6)(ii), (b)(9)(ii) are met by collecting, containing and thermally oxidizing vents from these areas prior to their release to the atmosphere. The exhaust gas from the thermal oxidizer is measured continuously with a Honeywell gas chromatograph. The exhaust gas from the thermal oxidizer is also sampled weekly (grab sample) and analyzed for vinyl chloride.

There were 2184 3-hour periods for which the average emissions were determined during the reporting period. The gas chromatograph in the thermal oxidizer exhaust gas was used to calculate the 3-hour period average emissions.

**61.70 (c)(2)**

A report is not required as the stripping operation occurs in the reactor. See reporting for 61.70 (c)(4).

**61.70 (c)(3)**

A report is not required as the stripping operation occurs in the reactor. See reporting for 61.70 (c)(4).

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61.70 (c)(4)(i)

The Aberdeen Chemical Plant uses a batch suspension polymerization process producing a single grade of PVC resin. The stripping operation takes place in the reactor. Stripped slurry batches are sampled as prescribed by this section.

61.70 (c)(4)(ii)

The vinyl chloride content of each sample is determined by test method 107 as prescribed in 61.67 (g)(3).

61.70 (c)(4)(iii)

Compliance with 61.64 (f) is attained by operating under the procedures approved by EPA Region IV on March 27, 1986, and not according to the procedure described in Section 61.67 (g)(6).

61.70 (c)(4)(iv)

There were ninety-one, twenty-four hour average combined reactor opening loss and emissions from all sources following the reactor used as a stripper determined during the reporting period. No twenty-four hour average combined reactor opening loss and emissions from all sources following the reactor used as a stripper exceeded the limits prescribed in 61.64 (f).