

ABERDEEN PVC PLANT**GAS CHROMATOGRAPH REPLACEMENT****Description:**

This project will replace one of four of the existing obsolete gas chromatographs used for fixed point monitoring with a new gas chromatograph. This project replaces the second gas chromatograph in need of replacement.

Justification

This project is justified due to safety concern. The current gas chromatographs were installed in the 1970s. We have been informed by Daniels that repair parts are no longer produced for these gas chromatographs. Due to the unavailability of parts for these machines they can no longer be maintained properly. A shutdown on any of these gas chromatographs will cause the plant to be at risk by not having the proper fixed point monitoring required by regulations. These gas chromatographs are required by OSHA for employee exposure monitoring and by EPA for leak detection.

Capital Cost: \$150,000

Defensive: X
Environmental:
High Rate of Return:
Safety: X

IRR: N/A
ROI: N/A
Payback: N/A
Basis: