

Audit Summary

Corteva Agriscience

Pittsburg, California

Accident History:

The facility has not had an incident related to the regulated CalARP materials in the last five years.

Introduction

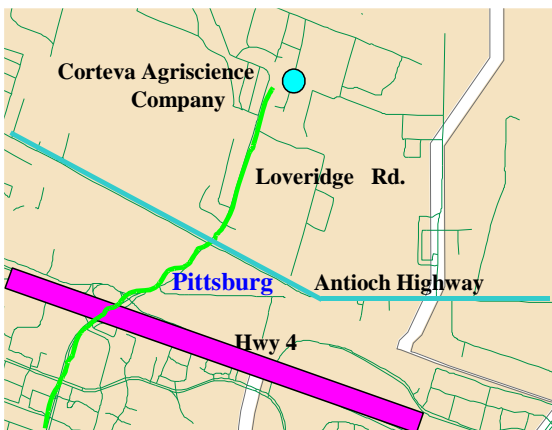
Contra Costa Health Services Hazardous Materials Programs (CCHSHMP) conducted a comprehensive audit/inspection of the policies, and procedures developed by Corteva Agriscience located at the north end of Loveridge Road in Pittsburg. This audit, conducted in the fall of 2021, was performed to assess compliance with the California Accidental Release Prevention (CalARP) Program. The CalARP program requires the development of prevention programs such as maintenance, operating procedures, contractor safety, personnel training, incident investigations, and understanding hazards at the plant. The inspection also examines the management systems in place to implement these programs and the plant's emergency response program to make sure that the plant is prepared to respond to an emergency involving a hazardous chemical.

During a comprehensive CalARP audit for a facility like Corteva Agriscience, CCHSHMP reviews individual safety programs through answering up to 227 questions. The CCHSHMP 2018 CalARP audit at this facility resulted in 6 corrective actions for Corteva to implement, and 13 other items that are not required, but may assist in accident prevention.

Based on our audit/inspection, many of the prevention programs generally met the regulatory requirements. Select prevention programs are identified to need improvement in order to meet the regulatory requirements. Identified below are some notable issues found, both good and bad.

Notable Items:

- **Management:** The facility has a robust management system that actively monitors metrics to gauge performance and compliance with regulatory programs and the overall performance of the site's leadership, including knowledge of the process and the risk profiles.
- **Action Item Tracking:** The facility effectively tracks the resolution of action items stemming from PHAs, compliance audits, and other significant studies such as seismic assessments.
- **Safe Work Practices:** The safe work practices currently implemented at the facility are well known among employees and proactively help them to conduct their tasks in the safest way.
- **Management of Change:** The facility does a great job tracking changes to its process. However, the documentation of temporary changes needs to be improved and a method to track overdue changes needs to be implemented and included as part of the MOC process.
- **Process Safety Information:** The facility has compiled, and made available to personnel, all the required process, and equipment information.
- **Mechanical Integrity:** The facility needs to ensure that its maintenance activities adhere to the frequencies established by its own policy and other recognized good engineering practices or standards.



Additional Information

To review the complete safety audit report, visit the Pittsburg Library at 80 Power Avenue, Pittsburg, CA 94565 or call 925-655-3200 for an appointment to view the report at CCHSHMP's office located at 4585 Pacheco Blvd., Martinez, CA, 94553.

For more information, questions, or comments regarding this facility or audit, please send an email to ARPTeam@cchealth.org

