

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

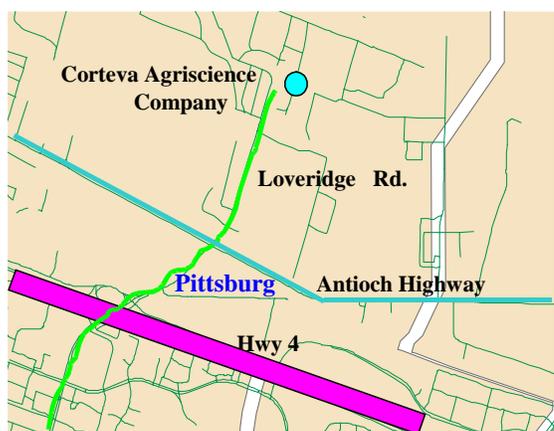
Contra Costa Health Services Hazardous Materials Programs (CCHSHMP) conducted a comprehensive audit/inspection of the policies, and procedures developed by The Dow Chemical Company (now operating as Corteva Agriscience) located at 901 Loveridge Road in Pittsburg. This audit, conducted in the fall of 2018, 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 11 corrective actions for Corteva to implement, and 17 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 including metrics to gauge performance and compliance with regulatory programs and site leadership are knowledgeable in the process and the risk profiles.
- **Action item tracking:** Resolution of action items needs to be better documented for when the deficiencies were corrected for compliance audit actions and for PHA recommendations.
- **Safe work Practices:** These are generally in good shape, but the hot work and procedure need to be updated to include a verification check to confirm that fully charged and operable fire extinguishers are available immediately at the work area.
- **Management of Change:** The facility generally does a good job of documenting changes. However, there is room for improvement as far as making sure that PSI has been updated as part of the MOC process.
- **Process Safety Information:** The information appears to be complete, except for the inventory quantities of aqueous ammonia with minor discrepancies.
- **Mechanical Integrity:** The facility needs to improve upon their retention of documentation related to the maintenance activities; machinery alignment and oil analysis were not readily available.



Additional Information

To review the complete safety audit report, visit the Pittsburg Library at 80 Power Avenue, Pittsburg, CA 94565 or call 925-665-3200 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

