

Paper Shredder

General Description

- ❖ The shredder is capable of destroying data on paper, microfiche, film, plastic magnetic tape, and compact discs. The shredded material in powder form is vacuumed outside of the building into a container, which is then transported to the county landfill. No contaminated materials are shredded in this process.
- ❖ The shredder meets DOE orders for shredding classified documents.
- ❖ The maximum capacity of the shredder is 300 pounds of material per hour.
- ❖ Paper-shredding operations are a source of particulate air emissions. The paper shredder has a 3-horsepower exhaust system equipped with both a cyclone and a baghouse to control particulate emissions. The cyclone is estimated to provide a 90% control efficiency, and the baghouse is estimated at 99% efficiency.

Applicable Requirements

- ❖ Currently no existing EPA or NMED air quality requirements apply to the paper shredder.

Proposed Monitoring, Recordkeeping, and Reporting

- ❖ Monitoring/Recordkeeping: Keep a record of emission estimates for the shops.
- ❖ Reporting: Submit a semi-annual emissions report and monitoring report to the NMED.

Comparison of Paper Shredder and LANL Emissions

