



TOB KOR.

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6.0 Estimated Volumes of Waste and Debris (Loose)

The following table demonstrates estimated loose volumes (in cubic meters) of arsenic trioxide waste, asbestos (free of arsenic trioxide) as well as steel, debris, concrete brick and soil that may contain residual arsenic trioxide. Arsenic trioxide dust/waste includes co-mingled loose asbestos and residuals in vessels, tanks and containers.

Component	Arsenic Trioxide Dust/Waste	Asbestos	Demolition Steel and Debris	Concrete, Brick and Soil
Mill Pipe Shop	580	80	470	440
Calcine Plant	520	70	210	190
Dorrco Roaster	630	70	240	380
Cottrell	870	60	220	160
Cottrell Flues	200	40	0	0
Roaster Stack	15	0	0	300
Silo Load-Out	15	10	100	30
Bag House	200	0	300	150
Roaster Compound Surface Scrape	0	0	0	500
Total	3030	330	1540	2150

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7.0 Estimated Volumes of Waste and Debris (Packaged)

The following table demonstrates estimated packaged volumes (in cubic meters) of arsenic trioxide waste, asbestos (free of arsenic trioxide) as well as steel, debris, concrete brick and soil that may contain residual arsenic trioxide.

Component	Arsenic Trioxide Dust/Waste	Asbestos	Demolition Steel and Debris	Concrete, Brick and Soil
Mill Pipe Shop	790	140	470	440
Calcine Plant	720	150	210	190
Dorrco Roaster	870	140	240	380
Cottrell	1190	120	220	160
Cottrell Flues	280	70	0	0
Roaster Stack	20	0	0	300
Silo Load-Out	20	20	100	30
Bag House	280	0	300	150
Roaster Compound Surface Scrape	0	0	0	500
Total	4170	640	1540	2150

Packaging assumptions include:

- Arsenic trioxide dust/waste to be packaged in double-lined 2.72 cubic meter hazardous material containers (1.22m x 1.83m x 1.22m)
- Flues to be cut to 2.5 meter lengths and doubled wrapped with poly
- Soil to be packaged in lined 1 cubic meter soil bags
- Asbestos to be packaged in lined 1 cubic meter hazardous waste bags
- Demolition steel and debris will be cut to less than 1.2 meter sections and stockpiled
- Concrete will be broken into 0.3 meter sections and stockpiled

Specifications and pictures for Sea-Cans (arsenic trioxide dust/waste containers) are presented in **Appendix D**.

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