

# MEMORANDUM

To ..... D. J. Emery; H. E. Pawson.  
From ..... M. E. Lane.  
Subject ..... ROASTER STACK FILTRATION TEST.

Date ..... October 27, 1970.

Ref. ....

Sampling Date : October 23, 1970.

Gas Temperature : 193° F

Gas Velocity : 12.16 Ft./Sec.

Total Gas Volume : 45,527 c.f.m.

Dust Loss : 713 lbs./24 Hr.

Dust Analysis : 58.25% As

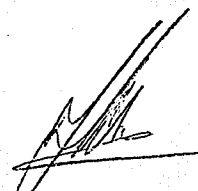
Arsenic to Atmosphere : 415 lbs./24 Hr.

Arsenic in Roaster Feed : 30,460 lbs.

Arsenic in Calcine & Cottrell  
Dust : 4,400 lbs.

Arsenic to Baghouse : 26,060 lbs.

Baghouse Collection Efficiency : 98.41%

  
M. E. Lane,  
Mill Engineer.

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