

To D.J. Emery; c.c. A.K.C.; H.E.P.

Date..... October 18, 1974.....

From R.J. Tucker.....

Ref.

Subject..... ROASTER STACK FILTRATION TEST.....

Sampling Date: October 11, 1974

Gas Temperature	150°F
Gas Velocity	9.69 ft/sec.
Gas Volume	36,261 c.f.m.

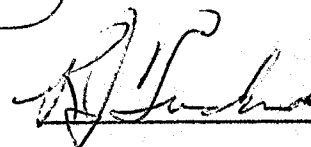
Weight of Arsenic Lost to Atmosphere 591 lb/day

Arsenic in Roaster Feed	21,680 lbs.
Arsenic in Roaster Calcine	3,180 lbs.
Arsenic in Cottrell Dust	480 lbs.
Arsenic to Baghouse	18,020 lbs.

Baghouse Collection efficiency - 96.72%

Total Collection efficiency - 96.81%

RJT/svh


R.J. Tucker
Mill Metallurgist