



Reorder No. 11121 $\frac{1}{3}$

PARK BRAND FOLDER
HEAVY WEIGHT

Industrial Consultation Service and
Investigation

N19749

KE 0018815

7-26-7

A. KENNER

From
DR. I

Telegraph New Market of Adams

to handle. For sale

that house
I don't think if he can explain

of the design
by the house

in question was not being used at present. It
it should be noted to me
What is it to be done at that time?

used for fuel; flame playing directly in glass.
products and any fume discharge into room (30' x 30')
there being no stack.

Ingredients in furnace:

	<u>%</u>
Sand	53-58
Red Lead	25
Soda Ash	10
Feldspar	3
Borax	3
Arsenic	0.5
Manganese dioxide	0.5
Sodium nitrate	3.0

Charged at 2000° F. and heated to 2500° F.
held for 24 hours, dropped to 2000° F. for 24 hours
recharged. No visible fume but there is haze in
cloudy and noticeable deposits have accumulated
floors, sills and throughout remainder of building.
became noticeable after initial 2 weeks of operation.
accumulated in past year. Three men exposed; no
supervision. Mr. Mitchell has had worst exposure
no symptoms but has lost about 10 pounds. Others

Sample of deposit from walls brought in for analysis.
Report is attached.

Willard M

KE 0018817

	<u>Percent</u>
Sand.....	53-58
Red Lead.....	28.00
Soda Ash.....	10.00
Feldspar.....	3.00
Borax.....	3.00
Arsenic.....	0.50
MnO ₂	0.25
NaNO ₃	3.00

The dust was soluble in acid, except for a small carbon particles. The following metals were present in the dust.

<u>Metal</u>	<u>Percent</u>
Mn.....	0.18
Pb.....	30.00
Sn.....	---
Al.....	2.20
Cu.....	0.18
Ag.....	0.00
As.....	2.04

Sample Received

Sample Reported