

The RUBEROID Co.

HYDE PARK, VERMONT 05655

PLAINTIFF'S
EXHIBIT

GF-766

For Attention Mr. H. J. Holloway - So. Bound Brook

Date March 10, 1967

Copy to Mr. I. E. Matthews

Reference

Subject DRYER DUST COLLECTOR - VERMONT

We have a rather serious dust contamination problem in connection with our ore drying operation. Two fans pull about 40,000 cfm (20,000 each) thru two cyclones (one for each dryer) and exhaust to atmosphere. The two dryers dry a total of 3,600 tons/day and probably a minimum of 5 or 6 tons/day of dust is exhausted to atmosphere; settling around the plant and surrounding area.

In 1951, a Wheelabrator No. 45 - Series 5-112 Dust Collector was installed to handle the exhaust from the fans. The air to cloth ratio, with 4 compartments operating and one shaking, was 3.7 to 1. The unit was designed to operate under pressure and with an automatic by-pass if the temperature in the filter exceeded 270° F.

The unit never operated satisfactorily. The air-cloth ratio was too high and resulted in excessive back pressure causing drying problems, especially during the winter months when drying was more difficult. The unit was operating a few summers but by 1956 the dryer thru-put had been increased from 125 to 135 tons per hr. to the present 150 to 155 tons per hr. which aggravated the problem. Other major problems were too flat a slope on the discharge hoppers and fumes leaking out as the system was under pressure. The unit has not been operated since 1956.

Last year we contacted Wheelabrator for advice and quotations to put the unit back in operation handling the exhaust from one fan and purchasing an additional unit for the other fan. Our thoughts were to get the old unit in operation handling the exhaust from one dryer and determine corrective steps to previous problems encountered. We then could determine requirements for a new unit for the other dryer.

It now appears it will cost between \$35,000. and \$45,000. to put the old unit in operation. Wheelabrator quotes a new unit of similar capacity at \$33,000 plus all duct work, foundations, insulation and installation.

The cost of revising the old unit and putting it back in operation is higher than we anticipated. Possibly, we should be considering a new unit to handle all the exhaust or some other type of collector.

We are not sufficiently familiar with available equipment, what is definitely needed to revise our old unit and get it in operation or other possible solutions and would like your help and advice.

I am enclosing copies of the quotations on our old unit, copies of proposed new unit and recent correspondence. We would appreciate your advice and help.

J. K. Gilmore

JEG/sec