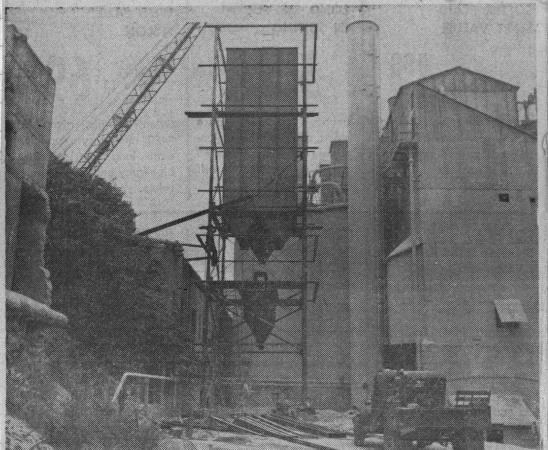
Dust Control At Davenport [2/20/63



Pictured above is the test arrester used by Pacific Cement and Aggregates, Inc., as a pilot machine in studying methods of controlling dust

emission from its Davenport plant. At a press conference this morning PCA officials announced the firm will spend \$1.1 million to install dust-

controlling system that will reduce dust by 90 per cent. The system will be completed in

mid-1965.

PCA Bares Plan To Cut Cement Dust Installation of cement dust ar- He, PCA officials W. B. Rein- ment for meeting their obliga- a result, the plant was not de- from air in the same manner a resting equipment to halt 90 per heimer, vice president; Bob Kin-

Control of dust at the 90 per this morning to announce the hours a day, for 18 months. This cent mark is scheduled by mid-

Upon completion of the program. PCA estimates it will have spent more than \$1.1 million and the PCA firm said: thousands of man hour "in the

estimated at \$100,000 annually.

PCA, which claims to be the county's largest taxpayer, employs 300-plus persons with an annual payroll of \$2 million,

Supervisor Russ McCallie, in whose Seaside district the plant is located, said PCA should be "commended for its effort and research" with the project.

dust controlling devices.

battle to cleanse the air of Daven- dents of Davenport, plaintiffs in The equipment will be designed a then-pending lawsuit against specifically for the local plant. Cost of maintaining and operat- Pacific Cement and Aggregates, Reinheimer said such machining the duct collection system is Inc., settled their differences with ery "just can't be purchased off years within which to reduce by special equipment to be designed. fore the deadline. emitted by the plant.

determine the exact require- in such plants was unknown. As fure separating dust particles They cost \$550,000.

cific Cement and Aggregates, tendent, and Attorney Steve Wy- rester, was installed and its opera- complicates the problem of effecckoff were at a press conference tion and effectiveness studied 24 tive dust control." company's plans to install the testing program, now completed, cost the company in excess of \$50,000 but has provided the in-In a prepared press release, formation necessary for the design and specification of perma-"In January, 1961, certain resi- nent dust control machinery . . ."

the cement company. By the a shelf." Differences in types

Davenport plant was constructed equipment will be installed. They ing \$350,000, will be installed "Immediately following the in 1906 by the Santa Cruz Port- are: settlement, PCA undertook an land Cement company at a time 1. A multiclone, or cyclone The electro-static precipitators

signed with allowance for the in- cream separator isolates cream cent of dust emission from the zie, assistant chief engineer; and "... Subsequent to the settle-stallation of dust-arresting sys-from milk. nounced today by officials of Pa- Art Anderson, general superin- ment in 1961, a pilot, or test ar- tems. This factor immeasurably

> Attorney Wyckoff said the plant's decision to have the new equipment fully installed prior to the 1968 deadline will enable the company to "work out any bugs in the system". He added that a one-year testing period also is required to determine if the equipment arrests the mandatory 90 per cent of the dust emission.

McCallie congratulated the To alleviate this condition first, terms of that settlement agree- of rock and the plant operation firm for putting its equipment two large bag-type arresters will ment, PCA was to have eight itself make it necessary for the into operation three years be- be built into the rock drying sys-

90 per cent, the quantity of dust The press release states, "The Three types of dust collection taneously, large multiclones, cost

extensive testing program to when the science of arresting dust type, which operates as a centri- will be installed by mid-1965.

2. A bag type of arrester which collects dust in large tubes or bags through which dust-laden air is forced. A typical bag-type arrester houses more than 1000 large Dacron bags and is about the size of a small house.

3. An electro-static precipitator that electrically charges the dust particles which are then collected upon oppositely - charged iron

PCA said the rock drying processes are the main cause of the dust problem in Davenport