

CAR 219

N.Y. Approp. No.

Plant No. CAR-219

APPLICATION FOR PROPERTY APPROPRIATION

.... June 16, 1976.

Cement Asbestos Products Company Plant
Bagland #7909
..... Unit

DESCRIPTION:

To provide a live bottom fiber bin and enclosed screw conveyor, and allied equipment to replace the open type conveyor as originally supplied. See Addendum page for explanation of details.

If work contemplates replacement or improvement of structures or equipment now in place, insert: -1. Original cost \$11,718.19. 2. Date erected or installed Jan. 1966

Total estimated cost (FORM 302A ATTACHED) \$35,000.00
Estimated annual net saving \$.....
Estimated completion date Sept. 1976.

ADVANTAGES TO BE DERIVED:

The present method of conveying Asbestos by an open conveyor belt and feeding the belt by an open type feeder plate cannot be enclosed and vented so that it will meet OSHA requirements. While there will be intangible benefits and reduced mechanical downtime with the new system, the expenditure is necessary in order to meet OSHA regulations.

Reviewed by *W. H. Beasley*
W. H. Beasley, Vice President - Controller

Approved by

Account Chargeable to

Recommended by *W. H. Beasley*
Vice President Engineering & Operat:

Senior Vice President *W. H. Beasley*

Approved by

Approved by Advisory Committee

..... 19.....

Approved by Board of Directors

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PLAINTIFF'S
EXHIBIT

CAP-190

CAPCO ALV 0035031

COST ESTIMATE

Cement Asbestos Products Co.
Bagland Plant #7909

2000 2010

JOH Fiber Bin and Feed Screw

PLANT

JOB NO. _____ AUTH. NO. _____ CAR-219

DRAWING NOS.

MADE BY S. D. Weaver DATE June 16, 1976

CHECKED BY J.H. Swindke, Jr. DATE 6-18-76

GROUP NO.	CLASSIFIED MATERIAL	QUANTITIES	EST'D. LIFE	EST'D. DATE OF COMPL.	UNIT PRICES		ESTIMATED COST		TOTAL ESTIMATED COST
					MATERIAL	LABOR	MATERIAL	LABOR	
	Fiber 51D-W/live bottom		10	12/76			10,000.00		10,000.00
	Screw discharge & Drive		10	"			3,000.00		3,000.00
	Cyclone Sep., Rotary Valve & Drive		10	"			4,600.00		4,600.00
	Weigh hopper & discharge screw		10	"			2,000.00		2,000.00
	Material Handline Piping		2	"			300.00		300.00
	Kollergang discharge hopper live bot.		10	"			7,000.00		7,000.00
	Labor - Installation							4,800.00	4,800.00
	Contingency 10%								3,170.00
								Total	34,870.00
	*6 months from date of approval								

CAPCO ALV 0035032

As part of the mixing system originally installed at Ragland, the Asbestos Fiber is metered onto an open conveyor belt. The disc feeder, in the bottom of the bin, has been the cause of considerable downtime, and in addition, it creates dust in the atmosphere as it discharges. This is the European method of mixing and some of their later plants have erected a wall to isolate the mixing system from the rest of the plant. This isolation aspect has been reviewed thoroughly and has been rejected in favor of the enclosed live bottom bin and screw conveyor (both of which will be vented to the existing dust collector).

The new bin and support steel has been designed so it can be erected in a straight line between the turbopulper and the center of the pipe machine. In addition to improving the operation, this will allow most of the equipment to be pre-erected, and reduce the time to change over to approximately 2 to 3 weeks. This method of erecting the equipment without interference to the operation is preferred and allows check out of the motors, controls, etc., prior to change over. In addition, all guarding can be installed together with safety catwalks, adequate lighting, painting, etc.

As the original equipment has been in operation over 11 years, the salvage value will be limited to motors and a rotary valve. These items will be repaired and used as spares for the enclosed system.

ALV