

REQUIRED PROJECTS AT S. CHARLESTON PLANT
(PC-381) TO MEET EPA AND OSHA VCM REGULATIONS

PROJECT	ENG. ORDER NO. (SHOP ORDER NO.)	ESTIMATED COST, \$	STATUS	REMARKS
1. VC Rectifying Col. Modifications		110,000 (1976\$)	Process Study in progress	Estimated to be required in about 3 yrs.(?) to meet proposed EPA regulations.
2. VC Vent Collection System	938-5708 (79511)	500,000	Nothing being done	Same as item 1.
3. Modify VC Feed System	938-5728 (79507)	300,000	Nothing being done	Same as item 1.
4. VC Vapor Recovery System @ N.C.	938-5753 (74388)	300,000	Nothing being done	Same as item 1.
5. Portable Vacuum Compressor		48,000 (1976\$)	Nothing being done	Same as item 1.
6. Replace 4 VCM Transfer Pumps		24,000 (1976\$)	Nothing being done	Same as item 1.
7. Vent Compressor for 2640 Col. Vent		24,000 (1976\$)	Nothing being done	Same as item 1.
8. Scrubber Vent Line to Powerhouse	938-5374 (20753)	60,000	Eng. & Constr. in progress	Estimated completion date 3/15/76. Required to meet OSHA regulations effective 4/1/76, and proposed EPA regulations.
9. Vent Line from VCM Compressor to Scrubber		1,000 (1976\$)	Nothing being done	Same as item 1.
10. Revise Packing of Autoclave Piston Pumps			In progress	Presently evaluating revisions in B-1 and B-6 pumps. B-1 and B-2 need to be done. Required for OSHA and pro- posed EPA regulations.
11. Determine Need for Back-up VCM Compressor a. Double distance pieces for existing compressor * (not installed)		5,000 (1976\$)	Nothing being done	Same as item 1.

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b. New reciprocating compressor (not installed)		150,000 (1976\$)	Nothing being done	Same as item 1.
c. New sliding vane compressor (not installed)		65,000 (1976\$)	Nothing being done	Same as item 1.
12. 2708 Tank Vent (Wash Acetone) with Compressor			Nothing being done	Same as item 1. Project hasn't been scoped.
13. Revise Packing of Dilution Tank Pump and Spare.			Nothing being done	Required for OSHA and proposed EPA regulations
14. Portable Vacuum Compressor for N.C.		48,000 (1976\$)	Nothing being done	Same as item 1.
15. Install Line from VCM Sphere to Tank Car for Venting back to car at N.C.		13,500 (1976\$)	Nothing being done	Same as item 1.
16. Install Valves in VCM Transfer Line from T/C to Sphere to Unit to be Able to isolate Line in 50-gal. segments		13,500 (1976\$)	Nothing being done	Same as item 1.
17. Install Rupture Disks Under All Safety Valves in VC Service.				Same as item 1.
18. Replace Dilution Tank Agitator Packing with Double Mechanical Seal				Same as item 1.
19. Dynatrols for Autoclaves				2 installed and calibrated 2 being calibrated 1 on strip. varnish not complete Required for OSHA
20. Ventilation System on Bldg. 153			In progress	Essentially complete Required for OSHA
21. Replace Liquid Filled Pressure leads with transmitter.			In progress	Required for OSHA

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22. Install Vent Hoods Over Sampling Stations			Complete	Required for OSHA
23. Install Dumpster Loading for R & D			In progress	R & D project. Required for OSHA
24. Install Two VC Micro Computer - Gas Chromatograph Monitor Systems			In progress.	Required for OSHA

AJR
2/26/76

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