Monsanto

(14)

FROM NAME & LOCATION: W. W. Latimer

November 4, 1975

cc J. A. Glass
J. B. Cook
Central Files

PLAINTIFF'S EXHIBIT
MON-1284

SUBJECT: Odorizing Station for Natural Gas

REFERENCE:

TO :
H. F. Adams
G. W. Daues
G. L. Lunsford
J. L. Masten
R. L. Maute
W. H. Lane
R. Rosenberg
K. K. Okamoto

Attached for your information is a copy of a PAFE that has been submitted covering the installation of an odorizing station for natural gas. This installation can be in service 3-4 weeks after approval of the PAFE.

W. W. Latimer

WWL/pm
Attachment

RECEIVED
NOV. 5 1975
Monsanto Co.
LOSS PREVENTION DEPT.

SC 003105

LAM004555

A256-C

MONSANTO COMPANY

PROJECT AUTHORITY FOR EXPENDITURE AND/OR RETIREMENT

(THIS FORM TO BE USED FOR AUTHORITIES REQUIRING GENERAL MANAGER AND LOWER LEVEL OF APPROVAL)

PLANT	BUDGET ITEM NO.	DEPT. NO.	DATE	ENG. JOB NO.	AUTHORITY NO.
19		899.86	10/27/75		

DESCRIPTION, REASON AND JUSTIFICATION FOR WORK:

Odorizing Station for Natural Gas

EWO #899.86-Z-5305

PREPARED BY	REVIEWED BY	APPROVALS							
		GENERAL MGR.	DATE	PROD. MGR.	DATE	PLANT MGR.	DATE	OTHER	DATE

ITEM	DESCRIPTION	EQUIPMENT TRANS.	EQUIPMENT NEW	CONTR. WORK	MAT. & SUPP.	STORES O'HEAD	DIRECT LABOR	SHOP O'HEAD	TOTAL
	CAPITAL								
[illegible]	Equipment		400				50	50	500
11	Piping				300	100	200	200	800
81	Engineering								200
66	Contingency								200
	TOTAL PROJECT								1,700

LAM004556

INFORMATION FOR RETIREMENTS		INFORMATION FOR EXPENDITURES			
SUMMARY OF ITEMS TO BE RETIRED		CLASSIFICATION OF AMOUNT AUTHORIZED		PROJECT SUMMARY	
1. INSTALLED COST		8. CAPITAL EXPENDITURE	1,700	14. PROJECT TOTAL (ORIG OR REV.)	1,700
2. VALUE NOT RETIRED		9. REPAIR OR OTHER EXPENSE		15. LESS PREVIOUSLY AUTH:	
3. VALUE TO BE RETIRED (1-2)		10. LEASEHOLD IMPROVEMENTS		16. PROJECT TOTAL — THIS REQ. (14-15)	1,700
4. ACCRUED DEPRECIATION ON VALUE TO BE RETIRED		11. TRANSFERRED EQUIPMENT		17. LESS TRANSFERRED EQUIP:	
5. DEPRECIATED VALUE (3-4)		12. DISMANTLING EXPENSE		18. NET CASH REQUIRED (16-17)	1,700
6. AMT. EXPECTED FROM SALE, TRADE-IN, ETC.		13. TOTAL AMT. AUTHORIZED	1,700	19. AMOUNT AUTHORIZED = (16)	1,700
7. RETIREMENT LOSS (5-6)		8 + 9 + 10 + 11 + 12 = 13 & 19			

* — LEVEL FOR CAPITAL APPROVAL

SC 003106

JUSTIFICATION

TITLE: Natural Gas Odorizer

DESCRIPTION OF EXPENDITURE

This project contemplates the expenditure of $1700 for purchase and installation of a wick type odorizing unit for natural gas to the office/laboratory area. A mercaptan type odorant will be added to natural gas to the cafeteria kitchen, Research 1 and 2 buildings, Monomers Control Laboratory building and the Fire Dept. Station House, all of which are served by a single 2" distribution line.

STATEMENT OF PROBLEM AND NEED FOR CAPITAL EXPENDITURE

We do not now odorize natural gas anywhere in the plant, although at one time gas to the cafeteria kitchen was odorized for awhile. The use of unodorized natural gas in enclosed spaces constitutes an obvious hazard that is well understood. This is not an acceptable hazard for the general public and state law requires that only odorized gas be delivered to customers of gas utility companies. Obviously, we are exposing some of our people to this same hazard that is unacceptable for the public. This project proposes to correct this situation for the office/laboratory area. PT Management concurs that natural gas to their labs should be odorized.

ALTERNATE COURSES

There is no practical alternate to this proposal other than to do nothing and continue to accept the risk of using unodorized gas in these buildings.

ESTIMATED SAVINGS

This is a safety project and is thus a non-earnings investment.

J. B. Cook

10/24/75

PEERLESS ODORIZER
WICK TYPE

For small tap lines and schools.

Installed in the gas line as a unit.

Two needle valves with dial hand wheels serve as both shut-off and control valves.

Both control valves turned to same setting. (approximately 1 turn)

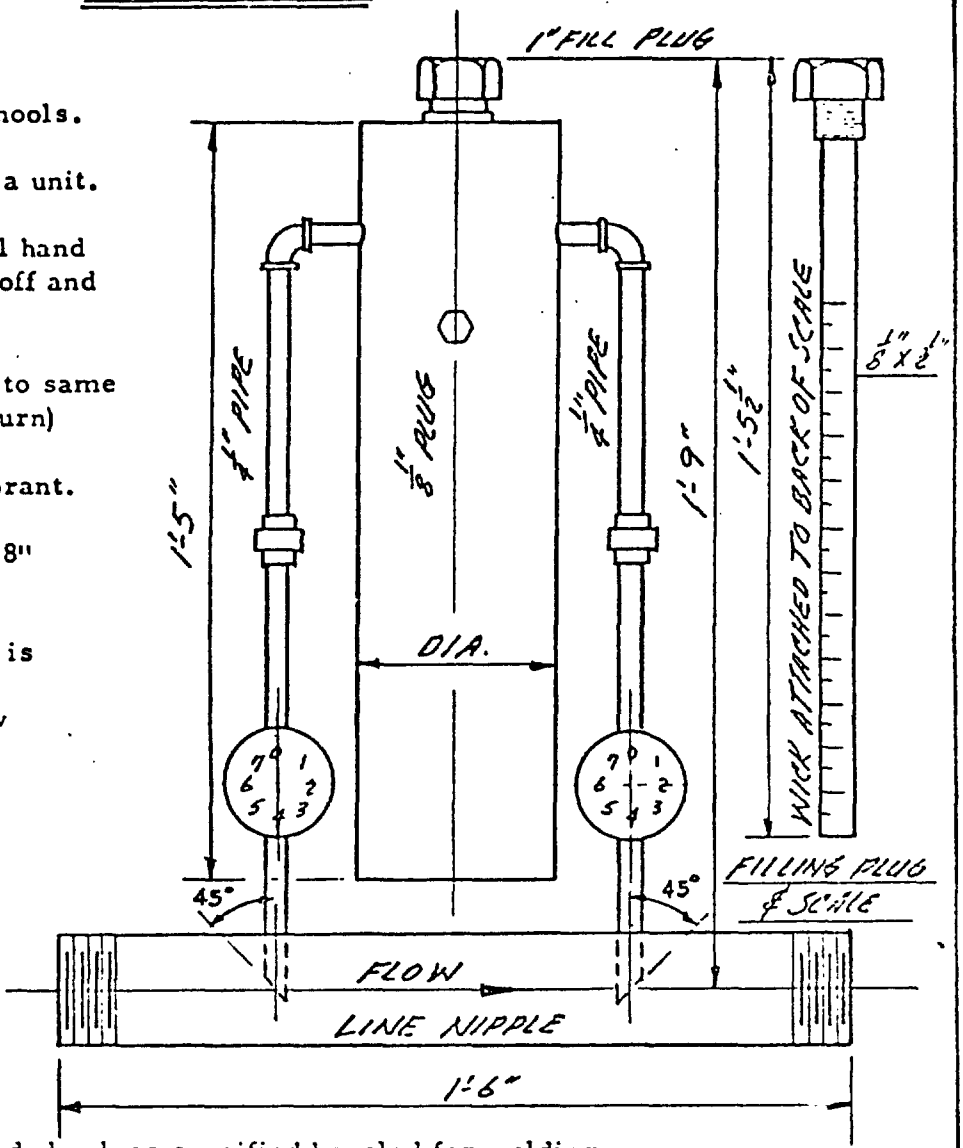
Suitable for any type of odorant.

Storage Tank is filled to 1/8" opening.

Attached to 1" Filling Plug is scale in gallons showing odorant used below 1/8" opening.

Wick is attached to back of scale.

Design Pressure 1200#.



Line Nipple furnished threaded unless specified beveled for welding.

LAM004558

SC 003108

TYPE	LINE NIPPLE	TANK O.D.	CAPACITY GALLONS
1-E	1"	3 1/2"	.383
1 1/4-E	1 1/4"	3 1/2"	.383
1 1/2-E	1 1/2"	3 1/2"	.383
2-E	2"	3 1/2"	.383
2-F	2"	4 1/2"	.66
3-F	3"	4 1/2"	.66
4-F	4"	4 1/2"	.66

PEERLESS MFG. CO.

WICK TYPE ODORIZER

BY: B.L. DATE: 9-25-59 APPROX. WT. SHP

SCALE: [illegible] DWG. 1A-11763