V. BRAWLEY

MONSANTO COMPANY
Sauget, Illinois

cc: Mr. Dan O'Toole

February 2, 1970

TO: Messrs.
Bart Bigge
Jim Dalton
Wayne Krull
~~Bob McCutchan~~
Bob Moody
Dick Spuering

A Safety Review was held on Project 1493, "Piping from Blow Tank to Intermediate Storage".

Results of the review are itemized below:

1) The sight glass in the line will be replaced with a sample cock.

2) The dead head pressure of the water jet will be checked.

INS. VACUUM
6" H_2O
55.3" (TANK RATING)
6.9" (VENT RATING)

3) Intermediate storage will be checked for insulation and TSD will determine if insulation must be provided.

4) A routine system will be initiated for checking the relief vent on the intermediate storage tank.

Dale J. Schillinger

/jhe

PCB-ARCH-EXT0372227

Monsanto COMPANY

CENTRAL ENGINEERING PURCHASING
800 NORTH LINDBERGH BLVD.
ST. LOUIS, MISSOURI 63166

TRANSMITTAL OF VENDOR DATA

DISTRIBUTION:

J. ARNOLD - 1
R. S. YATES - 1
H. F. RAU - 1
M. S. FELD - 1
P.O. FILE - T.O.

PROJECT NO. 1800

LOCATION E. ST. LOUIS, ILL.

DATE APRIL 23, 1968

PURCHASE ORDER NUMBER	VENDOR NAME	CAT.	AREA	EQUIP. NO.	DRAWING NO. AND/OR REFERENCE
1800-9-0089	SCHUTTE & KOERTING	013	02	426-000	REC. SPARE PARTS FORM NO. 19

*REPRODUCIBLE

MARY READY/SH
CENTRAL ENGINEERING PURCHASING

CE-58 (10-67)

PCB-ARCH-EXT0372228

SCHUTTE AND KOERTING COMPANY

CORNWELLS HEIGHTS, BUCKS COUNTY, PENNSYLVANIA 19020

PHONE: 215-639-0900 • CABLE: SCHUTTE • TELEX: 84-5283 • TWX: 510-667-1618 "U"

In Reply Refer to File No. _____

Monsanto Company
800 N. Lindbergh Boulevard
St. Louis, Missouri 63166

Attention: Mr. W. D. Shelton - OX-4-6855

April 9 19 68

Subject: Purchase Order 1800-9-0089
~~S&K PO M68-01241-A~~

Item No.	Quan.	Article	Net Price Each	Total
		We Quote as Follows /		
		RECOMMENDED SPARE PARTS FOR THE 12" S&K TYPE 7010 FUME SCRUBBER SUPPLIED ON THE ABOVE PO.		
		1 - 2" S&K Type 622-L Plastikort Spray Nozzle with stainless steel spiral.		
		NET PRICE FOB CORNWELLS HEIGHTS, PA.	$ 98 00	
		DELIVERY: From stock, subject to prior sale.		

MONSANTO COMPANY Order No. 1800-9-0089
CENTRAL ENGR. DEPT. Project (CEA) No. 1800
Location E. ST. LOUIS, ILL. Area 02
Equipment No. 426.000
Description Fume Scrubber
Approved by Jay Z Arnold Date 9-22-68
☐ With Corrections noted ☐ as Shown ☒ Final

Terms 30 days net from date of invoice f.o.b. shipping point.

Yours Respectfully
SCHUTTE AND KOERTING COMPANY

DLP/klm

per _____

FORM 19

(SEE REVERSE SIDE FOR TERMS OF SALE)

PCB-ARCH-EXT0372229

Monsanto COMPANY

LOCATION By Blow Tank (Et. 422)

Fume Scrubber and Separator

~~BLDG~~/DEPT. 811.00

PLANT W. G. Krummrich

EQUIP. NO. 426

AUTH NO. 1800 AREA NO. 2

BY L. L. Lohman DATE 12-26-67

APPD. SHEET 1 OF 1

Function

1. To remove HCl gas from the Blow Tank (Et. 422) and to combine the HCl with water in the separator for air pollution control.

2. To drown HCl gas from the four continuous chlorinator units when vented.

Description

Schutte and Koerting Gas Scrubber-Separator
Type 7010 scrubber
Large nozzle
1" draft
12" suction and discharge
Material of Construction — Haveg 61

Type 7040 Separator Tank
12" inlet nozzle
Material of Construction

Materials Handled

Stream #6

Biphenyl	— 30 lbs/hr
Chlorine	— 42 lbs/hr
Air	— 615 lbs/hr
Hydrogen	— 5 lbs/hr
HCl	— 2149 lbs/hr

Max. air + HCl gas temp. — 430°F
HCl gas flow normal — 10 CFM
max. — 600 CFM $= \frac{2149 \times 359}{36.5 \times 60} \frac{477}{273}$

Blown air temperature — ambient (assume 60°F)
Air flow normal — 135 SCFM
max. — 200 SCFM

City water temp. — 60°F
pressure — 40 psig
Water flow rate — 85 gal/min

REV NO.	REVISION	BY	DATE	APPD	DATE
1	APPROVED FOR DESIGN	RSY	12/26/67		
2					
3					

ES 93 (2/66)

PCB-ARCH-EXT0372230