

CHEMCEL PLANT
PEH-114

July 20, 1979

Mr. Bill Stewart, P. E.
Executive Director
Texas Air Control Board
8520 Shoal Creek Boulevard
Austin, Texas 78758

Dear Mr. Stewart:

The Celanese Chemical Company at Bishop plans to renovate a heat exchanger covered with friable asbestos insulation. There is about 1000 square feet of about 4-inch thick insulation covering this heat exchanger. This renovation will start about August 3, 1979. The insulation will be removed, as the first step, and landfilled in the designated asbestos landfill located on the Plant Site. All the precautions in 40 CFR 61.20-61.25 will be observed.

This letter will serve as notification of this work, as required by 40 CFR 61.22 (d) (2). The attached data sheet lists all of the pertinent data.

Please contact me if you have any questions or comments.

Very Truly Yours,

PE Hime

P. E. Hime
Plant Manager

PEH:el

001243

<u>ACTIVITY</u>	<u>RESPIRATOR</u>
10. Tank car cleaning - formaldehyde.	Full-face Chemical Cartridge, Respirator - Yellow Color Coded Organic Vapor/Acid Gas Cartridge
11. Asbestos insulation removal.	3 M 9910 Dust Respirator
12. Working on CO compressor in OXO Butyraldehyde and MS units, when in operation and systems containing CO.	Positive - Pressure Air Supplied Respirator or Type N Gas Mask - Red Color Coded Cannister
13. Opening any tank or vessel containing formaldehyde or that has not been cleared for maintenance.	Full-face Acid Gas Respirator - White Color Coded Cartridge

N O T E : MSA Full Face Respirators with Acid Gas Cartridges are recommended for respiratory protection when working in higher formaldehyde concentration areas sometimes encountered during unit upsets, such as around the Paraform aging belts, flaker pans or in enclosed areas where formaldehyde leaks or spills have occurred.

This cartridge lasts 2 to 3 times longer than the organic vapor/acid gas cartridge presently used.

001244

REQUISITION # 3881 DATE 8-12-78

BILL OF MATERIAL - REQUISITION

FORM NO. 7-1733-28

APPROVE AB1 UNIT 440 JOB TITLE CONDENSATE ALR. DRAWING NO. 2-10-10, 447, 425, 93-72 ACCOUNT NO. 7-1733 DATE 8-12-78
 NEEDED DATE ASAP PARITY # APRIL FOR BJT FAK. 622, 2490-64, 605, 606, 644, 647, 2570-608 DATE 8-31-78

REQUISITIONER'S USE				PURCHASING USE			
QUAN. REQ'D.	UNIT	DESCRIPTION	REMARKS	STOCK #	PURCHASE ORDER	EST. DATE	UNIT PRICE
10	EA	VALVE, 1/4" 600# CLS, GATE, SCRD			1/8279-8	9-7-78	16.58
11	3 EA	STM. TBARS, TLV # 3/4" JHF 3-40-4H51 600#			16402		
12	48 EA	STUD BOLTS, 5/8" x 3 1/4" L4 (B-7)					
13	12 EA	GASKET, 9/4" 600# 1/16" THK ASS BULK					
14	20 EA	PIPE SHOE, STD 3" HIGH			A-B SHOP FAB		
15	20 LF	ANGLE, 1" x 1/4" x 1/4" CLS					
16	3 LF	ANGLE, 3" x 3" x 1/4" CLS			A-B SUPPLS		
VENDOR				RECEIPTS			
17 Glen Dawson				DATE	CARRIER	P.P.	COLLECT
C.C.T.				DATE	CARRIER	P.P.	COLLECT
TOTAL \$				DATE	CARRIER	P.P.	COLLECT

001245

Dimensions & Data certified correct for:

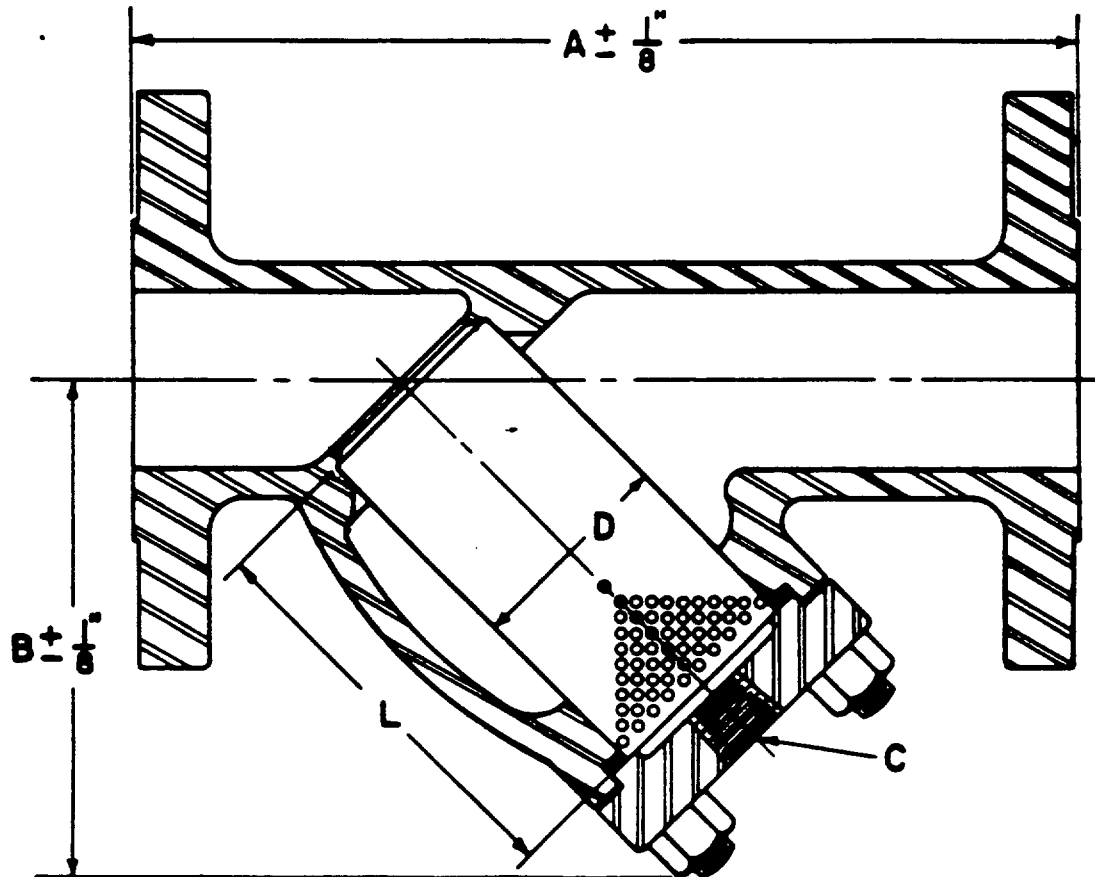
Customer _____ Order _____

Job _____

Job Requirements:

ARMSTRONG MACHINE WORKS

By _____



SIZE	"A"	"B"	"C"	"D"	"L"	Wt. Lbs.	Strainer Code
1-1/2"	10-1/8"	4-5/8"	1/2"	2"	3-3/4"	27	B1FL-1½-600
2"	11-1/2"	5-3/4"	1/2"	2-3/8"	4-5/8"	31	B1FL-2-600

MATERIALS:

Body & Retainer: ASTM A-216 Gr. WCB
 Gasket: Stainless & Asbestos
 Screen: Type 304 S.S. w/233 - .045"
 perf. per sq. in.

PRESSURE TEMP. RATINGS (non-shock)

730 psi @ 800°F.
 1440 psi @ 100°F.

600 lb. Flanged Conn. to ANSI B16.5

ARMSTRONG MACHINE WORKS

1-1/2" - 2" (WCB)
 Carbon Steel Str.
 600 lb. Flanges

SM-616

8/2/72

001247

Dimensions & Data certified correct for:

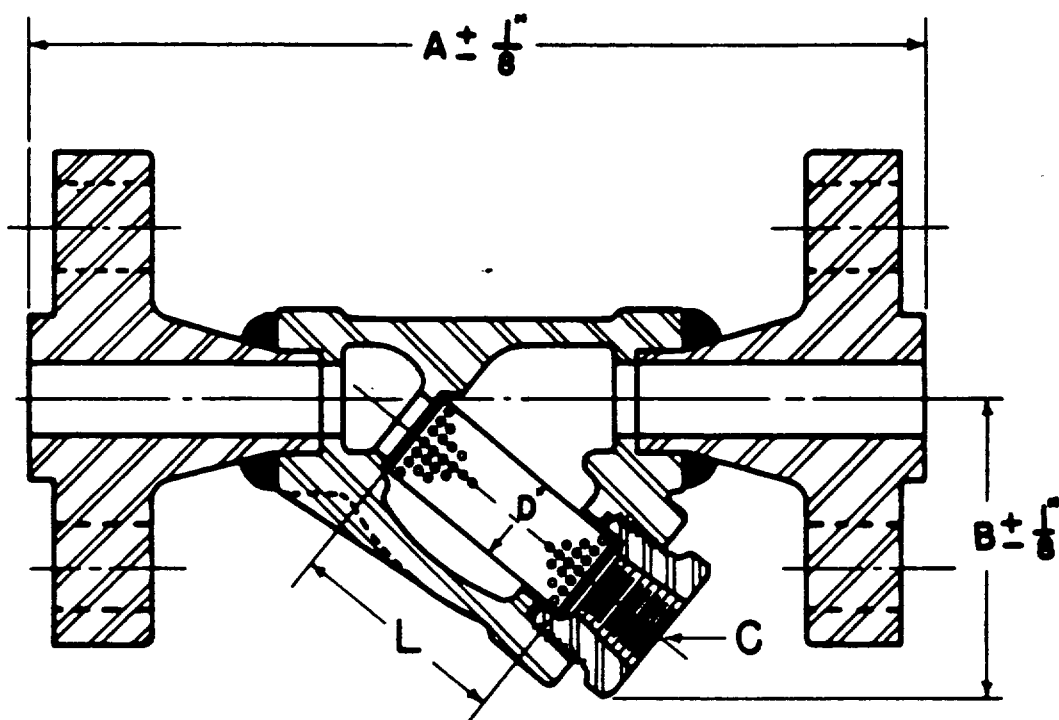
Customer _____ Order _____

Job _____

Job Requirements:

ARMSTRONG MACHINE WORKS

By



SIZE	"A"	"B"	"C"	"D"	"L"	Wt. Lbs.	Strainer Code
1/2"	7-5/8	2-3/4	3/8	13/16	2-1/16	8-1/2	B1FL-1/2-600
3/4"	8-1/4	3-1/16	1/2	31/32	2-3/8	9-1/2	B1FL-3/4-600
1"	9-3/8	3-9/16	1/2	1-3/16	2-15/16	13-1/2	B1FL-1-600

MATERIALS:

Body & Retainer: ASTM-A-216 Grade WCB
 Gasket: Iron or Soft Steel
 Screen: Type 304 S.S. with 233 - .045" perf. per sq. in.

PRESSURE TEMP. RATINGS (non-shock)

730 psi at 800°F.
 1440 psi at 100°F.

Flanges to ANSI B16.5

ARMSTRONG MACHINE WORKS	
1/2" to 1" (WCB) Carbon Steel Str. 600 lb. Flanges	SM-609 8/2/72

001248

Dimensions & Data certified correct for:

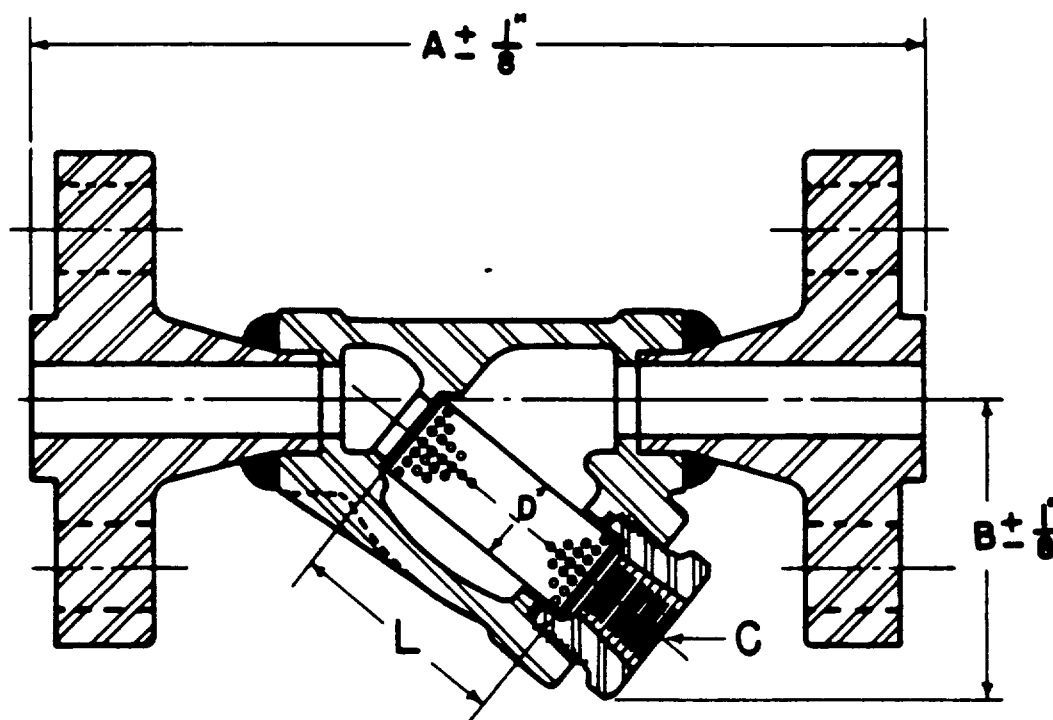
Customer _____ Order _____

Job _____

Job Requirements:

ARMSTRONG MACHINE WORKS

By _____



SIZE	"A"	"B"	"C"	"D"	"L"	Wt. Lbs.	Strainer Code
1/2"	7-5/8	2-3/4	3/8	13/16	2-1/16	8-1/2	B1FL-1/2-600
3/4"	8-1/4	3-1/16	1/2	31/32	2-3/8	9-1/2	B1FL-3/4-600
1"	9-3/8	3-9/16	1/2	1-3/16	2-15/16	13-1/2	B1FL-1-600

MATERIALS:

Body & Retainer: ASTM-A-216 Grade WCB
 Gasket: Iron or Soft Steel
 Screen: Type 304 S.S. with 233 - .045" perf. per sq. in.

PRESSURE TEMP. RATINGS (non-shock)

730 psi at 800°F.
 1440 psi at 100°F.

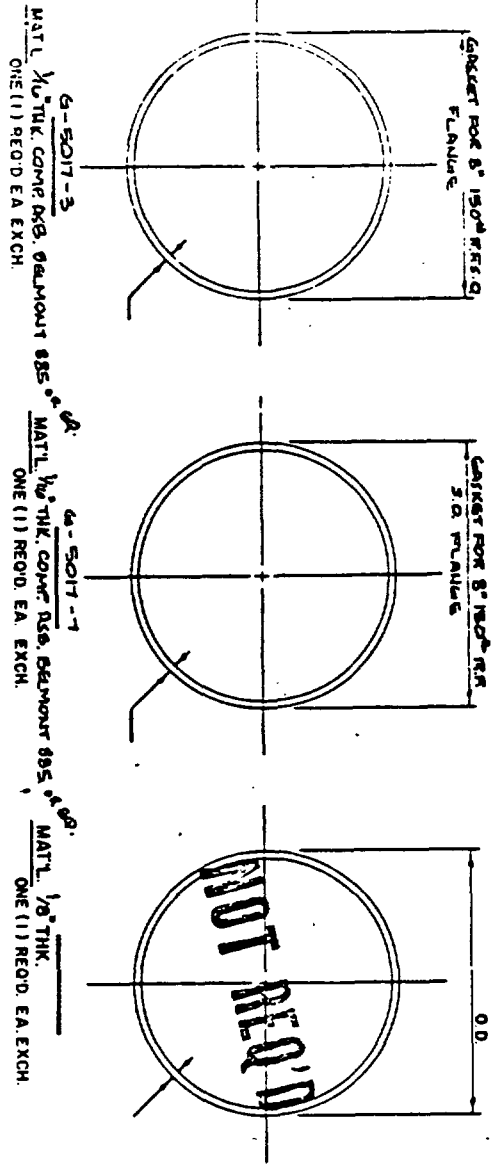
Flanges to ANSI B16.5

ARMSTRONG MACHINE WORKS

1/2" to 1" (WCB)
 Carbon Steel Str.
 600 lb. Flanges

SM-609
 8/2/72

001249



GASKET FOR 8" 150# F.F.C.
 FLANGE
 6-5017-3
 MATL. 1/8" THK. COMP. DSG. BELMONT 885
 ONE (1) REQD. EA. EXCH.

GASKET FOR 8" 150# F.F.C.
 3A FLANGE
 6-5017-1
 MATL. 1/8" THK. COMP. DSG. BELMONT 885
 ONE (1) REQD. EA. EXCH.

00
 NOT REQ'D

ALL RADII AT FLANGE TO RIB & RIB TO RIB JUNCTIONS TO BE 1/4"

REVISION:

NOZZLE GASKETS			
NO.	SIZE	RATING	GASKET MATERIAL
1	8"	150#	1/8" THK COMP. DSG. (M. # 6000 EC)
2	8"	150#	
3	8"	150#	
4	8"	150#	
5	8"	150#	
6	8"	150#	
7	8"	150#	
8	8"	150#	
9	8"	150#	
10	8"	150#	

001250

LOCATION	TAG	NO. REQD.	DIAMETER	LENGTH
FLA. 'T' TO T.S. 'B'	748	8	5/4"	4"
FLA. 'S' TO T.S. 'A'	344	8	3/4"	4"
NUTS: SA-194-CL-2H AMERICAN STANDARD HEAVY HEX NUTS, TWO (2) REQD. EA. STUD. STUDS: SA-193-87				
MATERIAL				

BOLT SCHEDULE

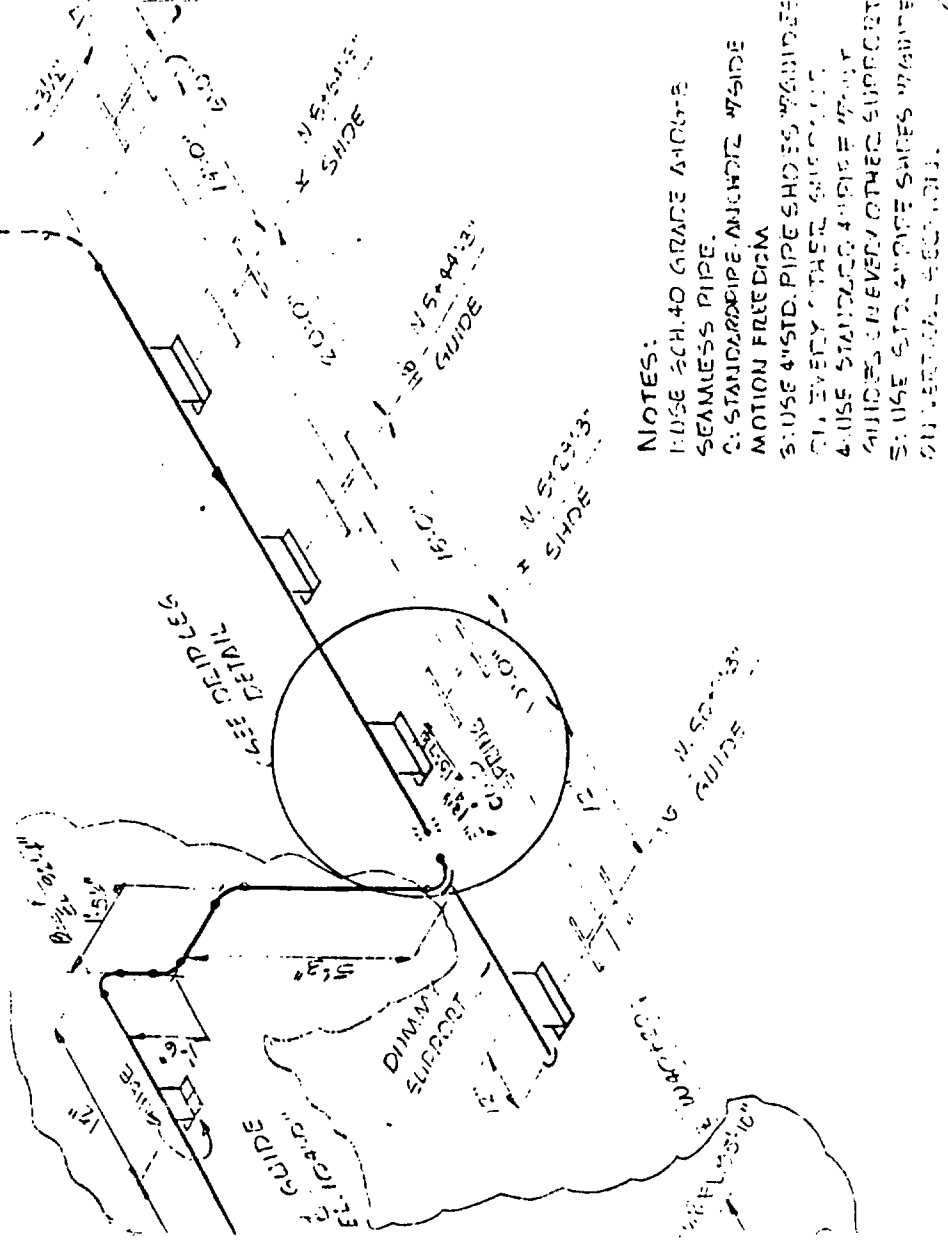
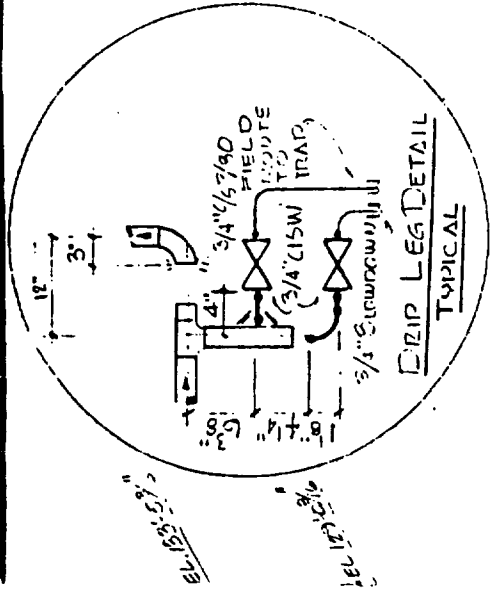
PROCESS EQUIPMENT DIVISION GEOSOURCE INC. CORPUS CHRISTI, TEXAS DATE: 8/10/78 CHKD: [Signature] APPD: [Signature]		GASKET AND BOLT SCHEDULE CUST. ITEM NO. ME-3 NO. EXCHS. REQD. 0 DWG. NO. ME-5017 SHEET NO. 12	
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NO. 2-1733-6

PRICE	QUAN.	DESCRIPTION	P.O. OR REQ. NO.	REMARKS		REV. NO.
				NO. IN SALV STOCK		

PROJECT
600# STEAM TO
PST FACILITIES
001246

LINE NO. 2-106B-40-SH1733(2) A



NOTES:
1. USE SCH. 40 GRADE A106-B
SEAMLESS PIPE.
2. STANDARD PIPE AND FLANGE W/ SIDE
MOTION FREE DRUM
3. USE 4" STD. PIPE SHOES W/ 4" HOLES
ON EVERY OTHER GUIDE
4. USE STANDARD 4" PIPE W/ 4" HOLES
ON EVERY OTHER SUPPORT
5. USE STD. 4" PIPE SHOES W/ 4" HOLES
ON EVERY 2ND SUPPORT.