Vista Polymers Inc
A Subsidiary of
Vista Chemical Company

Highway 25
Post Office Box 91

Aberdeen Mississippi 39730
Phone (601) 369 8111

A

ABERDEEN CHEMICAL PLANT SAFETY AND HEALTH MANUAL
ABERDEEN, MS

SUBJECT: HAZARDOUS SERVICE BLEEDERS

EFFECTIVE DATE: July 8, 1986

WRITTEN BY: A. H. Sather SAFETY DIRECTOR

APPROVED BY: [signature] MANAGER

VISTA

I. Purpose

To prevent the accidental release of hazardous materials from valved atmospheric bleed point openings in process piping and equipment.

II. Scope

This procedure applies to atmospheric bleeders in hazardous material service as noted below:

A. Atmospheric bleeders include all valved openings in piping and equipment for use as high point vents, low point drains, and/or equipment clearing connections in hazardous materials service noted in B below. This definition does not apply to atmospheric vents that are required by safety code or procedure (specific items include - actuated vent valves between block valves in burner management systems, injection pot openings, and the like).

B. The following materials are considered hazardous for the purposes of this procedure:

- Vinyl Chloride
- Methanol
- Polivic
- Fuel Gas (Natural and Propane)
- AMS (Emergency Kill Systems)
- Acids
- Caustic and Chem Wash
- Phthalic Anhydride
- Liquids 140°F and Greater

III. Procedure

The following requirements must be met for all bleeders governed by this program.

A. Bleeders not in use shall be plugged as noted below:

- Blind flanges, plugs or caps shall be installed vapor tight. Use of small diameter pipe extensions between any bleeder and the plug shall be minimized.

III. Procedure - continued

- Bleeders from vented pressure gauge installations or double block/bleed systems will be plugged (excludes atmospheric vents that are required for safety as noted in II. A. above).

- Bleeders being used for freeze protection are considered to be in use.

B. Bleeders governed by this procedure shall be painted bright orange to maintain visibility.

C. Each department is responsible to:

- Plug bleeders promptly when they are no longer needed.

- Inspect for and plug bleeders left unplugged quarterly. The Safety Director will initiate the inspection.

D. All ball valves brought into the plant shall be of the type that have internal seal retainers (i.e. valves with screwed end fittings cannot be used if the end fitting also serves as a seal retainer).

Plugged Breeder Valves UTILITY AREA
1-22-82A

(A9)

Propane tank farm

1 Steam tracing Bleed off valve By Condensate Pump 1/2"
2 #1 Vaporizer drop leg Steam Bleed off Valve 1/2
3 #1 Vaporizer Steam trap drain valve 1/2"
4 #1 Vaporizer condensate drain - To Point 3/4
5 #1 Vaporizer Liquid L.P. gas Y Strainer Bleed Valve 1/4"
6 #1 Vaporizer Liquid L.P gas Pressure gage Bleed off Valve 1/2"
7 #2 Vaporizer Steam drop leg bleed off Valve 1/2".
8 #2 Vaporizer Steam trap drain valve 1/2
9 #2 Vaporizer To Point drain Valve 3/4
10 #2 Vaporizer Liquid LP gas Y strainer Bleed off Valve
11 #2 Vaporizer Liquid LP gas Pressure gage bleed off Valve 1/2
12 #3 Vaporizer Steam drop leg Bleed off Valve 1/2"
13 #3 Vaporizer Steam Trap drain Valve 1/2"
14 #3 Vaporizer To point Condensate drain Valve 3/4
15 #3 Vaporizer Liquid L.P. gas Y Strainer Bleed Valve 1/4
16 #3 Vaporizer Liquid LP gas Pressure gage bleed off Valve 1/2
17 # To end Condensate main drain steam trap Y-strainer Bleed off Valve 1/2"
19 East Propane Pump bleed off Valve 1/2"
20 West Propane Pump bleed off Valve 1/2"
21 East Propane basket Strainer bleed off Valve 1/2"
22 West Propane basket strainer bleed off Valve 1/2"
23 Propane liquid Pressure regulator Valve bleed off Valve 1/2"

A

1-#1 Boiler Steam header 1" Bleed
2 #2 Boiler Steam header 1" Bleed
3 #3 Boiler Steam header 1" Bleed
4 #1 Boiler air Vent 3/4"
5 #2 Boiler air Vent 3/4"
6 #3 Boiler air Vent 3/4"
7 #1 Boiler feed Pump Vent Valve 3/4"
8 #2 Boiler feed Pump Bleed Valve 1/2"
9 #3 Boiler feed Pump Bleed Valve 1/2"
10 #4 Boiler feed Pump Bleed Valve 1/2"
11 North deaerator Vent Valve 1 1/4"
12 South deaerator Vent Valve 1 1/4"
13 Deaerator header supply dirt leg drain 1/2"
14 Deaerator header supply Trap & Strainer drain 1/2"
15 North Deaerator Regulator Valve & Strainer Bleed Valve 1"
16 South Deaerator Regulator Valve & Strainer Bleed Valve 1"
17 upper Deaerator Regulator Valve & Strainer Bleed Valve 1/2
18 up Stairs Deaerator dirt leg trap & Strainer drain 1/2"
19 #2 Boiler feed water Valve & Strainer Bleed Valve 3/4
20 #1 Boiler feed Water Valve & Strainer used as feed water sample Pot.
21. Up stairs Deaerator dirt leg drain Valve 3/4

A

1 V-10 Condensate Pump Y strainer drain Valve 3/4
2 V-10 Condensate Pump discharge Pipe Drain Valve- 3/4
3 V-11 Condensate tank main drain - 2"
4 V-11 Condensate Pump discharge piping drain Valve 3/4
5 V 11 Condensate tank Segat Glass drain 1/2"
6 New unit condensate Pump discharge Pressure gage bleed off Valve 1/2"
7 New unit Condensate discharge Piping bleed off Valve 3/4"
8 Main Steam header West of P1 tank form East bleed off Valve 1/2"
9 Main Steam header West of P1 tank form West bleed off Valve 1/2"
10 Condensate header drain West of P1 tank form- 3/4"
11 Main Steam header bleed off Valve East P1 of P-1 tank form 1/2
12 Main Condensate header drain header drain Valve East of P1 tank form 3/4"
13 A.P.I. Sulfuric acid tank loading line - 2" Valve
14 Main Steam header to new unit drain Valve West of expansion loop 3/4 Valve
15 Condensate header drain Valve South east of V-10 in the overhead - 2"
16 Main Steam header drain Valve outsed of old inert gas generator room 1/2"