

BFGoodrich

The BFGoodrich Company
Chemical Group
6100 Oak Tree Boulevard
Cleveland, Ohio 44131
216 447-6256

April 22, 1981

Mr. Herb Olson
P.O. Box 341
Baton Rouge, LA 70821

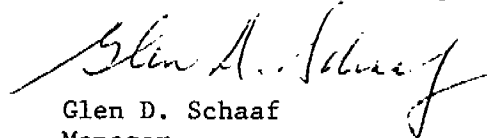
Dear Herb:

At our 1980 Vinyl Chloride Safety Association Meeting, I presented a paper comparing the "PVC relief area size" from a survey of the membership. Since the meeting, more data has been received (especially from the foreign producers). The attached table includes the new information. Please note this information is based on the total area available for relief. It does not make any correction for the reduction of area when a relief valve is included. I did not receive enough information from the members to make a comparison including the relief valves.

I will look forward to seeing you at our 1981 meeting in Hilton Head.

Sincerely,

BFGoodrich Chemical Group



Glen D. Schaaf
Manager

Manufacturing Processes
PVC Resins

GDS/glg

Attachments

PRODUCTION PLANNING	
REC'D APR 29 1981	
HGO	
JDH	
FPF	
NAS	
MLM	

OCC 3979

PVC POLY SIZE RELIEF AREA COMPARISON

<u>Company and Location</u>	<u>POLY SIZE GAL</u>	<u>RATING PSIG</u>	<u>RELIEF NOZZLE SIZE</u>	<u>NUMBER</u>	<u>TOTAL AREA AVAILABLE</u>	<u>RELIEF AREA PER 1000 GAL</u>
1.	1,100	200	2"	1	3.14	2.85
2.	2,500	200-400	4"	1	12.56	5.02
3.	3,300	250	4"	1	12.56	3.81
4.	4,300	300	4"	1	12.56	2.9
5.	16,500	240-300	10"	1	78.5	4.75
6.	2,000	180	3"	1	7.07	3.53
	4,000	180	3"	1	7.07	1.77
7.	4,000	200	4"	1	12.56	3.64
	6,000	200	4"	1	12.56	2.09
8.	2,400	200	4"	1	12.56	5.2
	3,500	185-200	4"	1	12.56	3.5
9.	4,000	200	4"	1	12.56	3.14
	6,000	220	4"	1	12.56	2.09
	24,000	200	18"	1	254.34	10.59
	24,000	180	16"	1	200.96	8.37
10.	20,000	260	16"	1	200.96	10.05
11.	35,000	172	8"	2	100.48	2.87

PVC POLY SIZE RELIEF AREA COMPARISON

<u>Company and Location</u>	<u>POLY SIZE GAL</u>	<u>RATING PSIG</u>	<u>RELIEF NOZZLE SIZE</u>	<u>NUMBER</u>	<u>TOTAL AREA AVAILABLE</u>	<u>RELIEF AREA PER 1000 GAL</u>
12.	35,000	185	8"	2	157	4.49
			6"	2		
13.	2,200	200	4"	1	12.56	5.71
	5,000	225	6"	1	28.26	5.65
	7,000	200	6"	1	28.26	4.04
	20,000	225	8"	2	100.48	5.02
14.	3,500	300	6"	1	28.26	4.07
	7,400	250	6"	1	28.26	3.82
15.	4,200	200	4"	1	12.56	2.99
	5,700	200	4"	1	12.56	2.20
	4,500	200	3"	1	7.07	1.57
16.	52,800	260	10.0"	3	235.62	4.44
	10,500	2609	10.0"	1	78.54	7.5
17.	8,000	128	3"	2	14.14	1.77
18.	4,000	240	3"	2	14.14	3.54
19.	20,000	220	6"	2	56.55	
			8"	1	50.27	
					107.12	5.36
	3,700	220	6"	1	28.27	7.64
	2,200	200	3"	1	7.07	3.21
	2,200	200	3"	2	14.14	6.43
20.	16,500	300	12"	1	113.09	6.85
	6,600	350	4"	3	37.7	5.71
	4,200	350	3"	3	21.21	5.05
21.	20,500	270	8"	1	50.26	2.45

Note: Total relief area is based on full nozzle size for comparison and does not include the reduction of area if a relief valve is used.

Tenneco Chemicals

A Tenneco Company



P.O. Box 849
Pasadena, Texas 77501
(713) 479-3411

July 31, 1981

Mr. Herb Olson
Ethyl Corporation
P. O. Box 341
Baton Rouge, La. 70821

Dear Herb,

The program Agenda for the 1981 Vinyl Chloride Safety Association Meeting is enclosed. It is my understanding that you will mail this to all permanent members. In your cover letter, would you please mention a pre-registration time available on the evening before the meeting from 6 to 7 PM, September 23, 1981.

Please let me know if you have any questions about the Agenda.

Sincerely,


Tom Moore

TTM:ml
cc: Glen Schaaf
B. F. Goodrich Co.
6100 Oak Tree Boulevard
Cleveland, Ohio 44131

OCC 3982

VINYL CHLORIDE SAFETY ASSOCIATION MEETING
SEPTEMBER 24 AND 25, 1981
HILTON HEAD, SOUTH CAROLINA

AGENDA

SEPTEMBER 24

8:00 - 8:30	Registration and Coffee Social	
8:30 - 9:00	Chairman's Welcome and Business Agenda VCSA History/Status Review Preview Business Agenda Program Preview	Glen Schaaf B. F. Goodrich Doug Frey Diamond Shamrock Tom Moore Tenneco
	<u>I. True Confessions/Major Incidents</u>	
9:00 - 9:15	Furan Process Sewer Explosion	
9:15 - 9:30	Control Room/Laboratory Explosion	
9:30 - 9:45	Nitrogen Inhalation Incident	
9:45 - 10:00	VCM Column Explosion	
10:00 - 10:15	Coffee Break	
10:15 - 10:30	Reactor Lockout Device Report	Herm Waltemate B.F. Goodrich
10:30 - 11:00	Polypropylene Plant Fire	Darwin Rhoads Tenneco
11:00 - 12:00	Small Reactor Safety Survey Report	Jerry Brumbaugh General Tire
12:00 - 1:45	Lunch Lunch Speaker: Gary Baise Law Firm of Beveridge & Diamond SUBJECT: VCM Regulatory Status	
	<u>II. OSHA/EPA Topics</u>	
2:00 - 2:30	Regulatory Update	John Barr Air Products
	<u>Regulatory Incidents</u>	
2:30 - 2:45	Hazardous Materials Notification	Harold Dubec Hooker
2:45 - 3:00	OSHA Inspection - Respiratory Protection	Dave Lull Diamond Shamrock
3:00 - 3:15	Coffee Break	

OCC 3983

SEPTEMBER 24

III. Operator Training

3:15 - 4:00	Operator Training Survey Report	Doug Frey Diamond Shamrock
4:00 - 4:30	Implementing an Effective Plant Safety Program	Stephen Brouillard Diamond Shamrock
4:30 - 5:00	Video Tape Demonstration OSHA VCM Standard	John Barr Air Products

SEPTEMBER 25

8:30 - 9:00	Business Meeting Election of Officers/1982 Meeting Location	Glen Schaaf/ Doug Frey
-------------	--	---------------------------

IV. Safety Systems Reports

9:00 - 9:30	Computer Safety Survey Report	Jim Gabbett Georgia Pacific
9:30 - 10:00	VCM Safety Condensation System	B. Terwiesch Chemische Werke Huls
10:00 - 10:15	Break	
10:15 - 10:45	Compound Ignition Hazards	John McCully Conoco
10:45 - 11:15	VCM Tank Car Wreck	Everson Weekly Pantasote
11:15 - 12:00	Wrap Up/Survey Questionnaire Completion	Tom Moore Tenneco