

THE VINYL CHLORIDE SAFETY ASSOCIATION - VCSA

The forerunner of the VCSA began in 1964 with an irregular schedule of informal meetings of various company representatives with no by-laws, formally constituted officers, nor established agenda.

Original company attendees included personnel from Dow, Monsanto, General Tire, Union Carbide, Pantasote, Air Reduction, American Chemical, Diamond Alkali, Cumberland Chemical, J. D. Frank Co., Cary Chemical, Borden, Stauffer, U.S. Rubber, Firestone, Goodyear, Goodrich, and Great American. As the loose association evolved, the VCM producers were also admitted to the founding body of PVC producers.

The group called itself the PVC Producers' Safety Council and was concerned only with safety. Through the 1960's, meetings were held in various cities, sometimes more than one in a year; and in some years, there were no meetings. Attendance varied from large groups for safety information exchange to a few people to develop administrative and other direction for the growing association.

In 1970, the VCSA was officially instituted with by-laws and elected officers. Attendance was limited to member companies only. Once-a-year meetings were scheduled in various cities. Also in 1970, the first attendees from outside the U.S. were welcomed, and these originally came from Canada.

About 1975, a shift in the subject matter discussed occurred toward environmental and health with the onrush of EPA and OSHA VCM regulations. By consensus agreement, this was reversed at the 1981 meeting back to the charter purpose of VCM safety.

ATTENDING MEMBERS - late 1980's

USA

Air Products: PA, Fla, KY
Akzo: Ill
Borden: Ill, LA
Certainteed: PA, LA
Dow: Tex
EVC: Del
Formosa: LA, Tex, Del, NJ
Georgia-Gulf: Del, LA
GE Silicones: NY
Goodrich: NJ, KY, Ohio
Occidental: PA, NJ, LA, Tex
PPG: LA
Shintech: Tex
Solvay: NY
Union Carbide: Tex
Vista: Tex, Miss.
Vulcan: LA, Kan.
Vygen: Ohio

OUTSIDE USA

Akzo: Netherlands
Atochem: France
Diamond-Shamrock: Canada
EKO: Greece
Electrochem: Israel
Esso: Canada
EVC: Italy, Belgium
ICI: England
Lucky: Korea
LVM: Netherlands
Mitsui-Toatsu: Japan
Norsk-Hydro: England, Norway, Sweden
Pequiven: Venezuela
Petroquimica: Colombia, Brazil
Policy: Mexico
Polimeros: Mexico
Primex: Mexico
Solvay: Belgium
Wacker: Germany

A chronology of meeting dates, places, etc. is attached.

gA King 9/90
OCC 2557

VCSA HISTORICAL INFORMATION

MEETING DATE	PLACE	NUMBER OF ATTENDEES	NUMBER OF PLANTS REPRESENTED			
			U.S.	NON-U.S.	TOTAL	
1/20/64	NY CITY	41	23		23	
10/24/69	NY CITY	50	23		23	
2/16-18/70	ATLANTA, GA	42	21	2	23	ADOPTED VCSA NAME
3/19/70	NY CITY	5				EXEC. COMM.
5/26-27/70	PT PLEASANT, W VA	35	21	1	22	SPI OFFERED TO ABSORB VCSA
2/17/71	MEMPHIS, TENN	35	19	2	21	FIRST TAPED MEETING
11/10-12/71	ROCHESTER, NY	47	24	4	28	
1/31-2/1/73	ATLANTA, GA					
10/24-26/73	CLEVELAND, OHIO	55	25	3	28	
2/8/74	CLEVELAND, OHIO	59	26	6	32	
4/16-17/74	PHILA AIRPORT, PA	80	29	4	33	
5/24/74	CLEVELAND, OHIO	53	24	2	26	
10/31-11/1/74	NEW ORLEANS, LA					
5/15-16/75	BOSTON, MASS	75	26	10	36	
10/30-31-75	HOUSTON, TX	75	25	10	35	
2/27/76	ATLANTA, GA					
11/18/76	DENVER, COLO	73	23	11	34	
10/6/77	VALLEY FORGE, PA	84	24	13	37	
10/26-27/78	ATLANTA, GA	90	26	14	40	
3/29/79	ATLANTA, GA					
9/13-14/79	SAN FRANCISCO, CALIF	87	23	14	37	
10/23-24/80	BERMUDA	55	20	11	31	
9/24-25/81	HILTON HEAD, SC	61	21	12	33	
9/23-24/82	TORONTO, CANADA	50	16	12	28	
10/21-22/83	NEW ORLEANS, LA	60	18	15	33	VI PROPOSED ABSORBING VCSA
10/11-12/84	SCOTTSDALE, ARIZ	50	13	14	27	
9/12-13/85	TAMPA, FLA	62	26	18	44	
10/9-10/86	WASHINGTON, D.C.	64	28	19	47	
10/1-2/87	ACAPULCO	56	18	25	43	
9/22-23/88	SAN FRANCISCO, CALIF	66	29	21	50	
9/28-29/89	BOSTON, MASS	69	33	18	51	
9/27-28/90	BERMUDA	46	17	15	32	

OCC 2558

VC SA OFFICERS

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OCC 2500

VCSA OFFICERS

YR	CHAIRMAN	VICE CHAIRMAN	PROG. CHRMN	SEC'Y	TREAS.	NOMIN'G COMM.
70	ALLEN (CONOCO)	BARR (AIR PROD)	SCHAAF (BFG)	SCHREIBER (ALLIED)	SPEED (AIR PROD)	(V CHRMN) PERHAPS BIEHL (PANTASOTE) (SEC'Y) PERHAPS MADDEU (FIRESTONE)
71	THOMPSON (TENN)	CHRISTENSON (DOW)	BOYLE (MONSANTO)	MOLL (BORDEN)	KLING (AMER. CHEM)	
72	GLENN (GEN TIRE)	ASTI (STAUFFER)	SMITH (ETHYL)	MEHALL (HOOKER)	FLORES (ERT AMER)	
73	ASTI (STAUFFER)	MUDD (GEN TIRE)	BRADFORD (OLIN THOMPSON)	BOGART (TENNECO)	ZINN (DIAM SHAM)	(PROG CHRMN) PERHAPS FRANZ (UCC) (TREAS) PERHAPS ROGERS (SHELL)
74	MUDD (GEN TIRE)	FRANZ (UCC)	LAYD (GEO. PAC)	ILIFF (UNIROYAL)	ROGERS (SHELL)	
75	FRANZ (UCC)	DIXON (GOODYR)	BOGART (TENN)	↓	ASTI (STAUFFER)	
76	DIXON (GOODYR)	HENDERSON (DIAM SHAM)	SOBLE (HOOKER)	GREMITION (CONOCO)	↓	
77	HENDERSON (DIAM SHAM)	WALTEMATE (BFG)	UPTAIN (CONOCO)	↓	↓	
78	WALTEMATE (BFG)	GABBETT (GEO PAC)	FLORES (GR AMER)	OLSON (ETHYL)	HAGER (STAUFFER)	
79	GELLNER (SMI FRM) (CERT)	CLARK (DOW)	BECKER (DIAM SHAM)	↓	↓	
80	GABBETT (BERM) (GEO PAC)	CLARK (DOW)	BECKER (DIAM SHAM)	↓	↓	(K LAW SAYS) PROG CHRMN WAS ZIMMERMAN, DIAM SHAM
81	SCHAAF (HILY HD) (BFG)	FREY (BFG)	MOORE (TENN)	↓	↓	
82	FREY (TORON) (BFG)	WALLACE (ESSO CAN)	RZEMPOLUCH (PANTASOTE)	↓	↓	
83	WALLACE (N ORL) (ESSO CAN)	FRONREICH (CONOCO)	WALTEMATE (BFG)	↓	↓	K. LAW

VCSA ATTENDANCE FIREST... TENNECO, OXYGEN

		DEER PARK	ADDIS	BURL N	BURL S	PASADENA	POTTSTAN	OTHER
1979	SAN FRAN			{ DUBEC KOWAL.	RHOADS	{ CRAIN MOORE	KING	
1980	BERMUDA			ABRAM.	{ COX KLOPP	MOORE	KING	
1981	HILT. HD			DUBEC	RHOADS		KING	CONNOR PVILLE
1982	TORONTO				NEUGOLD		KING	
							ENGBLUM	
1983	N ORL.		HANDLER			{ KACHTICK HENDRICKS	KING	
1984	SCOTTSDALE			MALCARY		{ KACHTICK HENDRICKS	KING	
1985	TAMPA					{ KACHTICK HENDRICKS	KING	LULL, BERWYN
1986	WASH DC		LESSIG			KACHTICK	KING	WINTER FIELD; N. FALLS
1987	ACAPULCO					KACHTICK	KING	
1988	SAN FRAN	HIGGENS			NEUGOLD	KACHTICK	KING	
1989	BOSTON	BLACK	BOUNETTE	MITZUER		KACHTICK	KING	
1990	BERMUDA					KACHTICK	KING	

OCC 2561

VCSA ATTENDANCE FIRESTONE, HOOKER, TENNECO, OXYCHEM

[illegible]

OCC 2562

VCSA MEETING ATTENDANCE

FIRESTONE - HOOKER - OCCIDENTAL

1970	Feb. 2	Atlanta, Georgia	W. W. Madden
1970	May 26-27	Point Pleasant, W. Va.	W. W. Madden
1971	Feb. 10-11	Memphis, Tennessee	W. W. Madden
1971	Nov. 10-12	Rochester, New York	W. W. Madden
1973	Jan. 31 Feb. 1	Atlanta, Georgia	W. W. Madden
1973	Oct. 24-16	Cleveland, Ohio	F. F. Hoy
1974	Feb. 8	Cleveland, Ohio	W. W. Madden
1974	April 16-17	Philadelphia, Pa.	W. W. Madden C. W. Engblom F. L. Edris
1974	May 24	Cleveland, Ohio	W. W. Madden K. H. Garner W. F. Tyson
1974	Oct. 31 Nov. 1	New Orleans, La.	W. W. Madden F. F. Hoy
1975	May 15-16	Boston Mass.	W. W. Madden P. J. Foley
1976	Oct. 3-31	Houston, Texas	C. W. Engblom W. W. Madden
1976	Feb. 27	Atlanta, Ga.	F. F. Hoy K. H. Garner
1976	Nov. 18-19	Denver, Colo.	R. W. Arnold W. W. Madden
1977	OCT 6	VALLEY FORGE PA	D M CONNOR R S FRANK R R SMITH F R SWANEY B A WALKER
1978	OCT 26-27	ATLANTA, GA.	F. F. HOY
1979	SEPT 13-14	SAN FRAN., CALIF.	J. A. KING
1980	OCT. 23-24	BERMUDA	J. A. KING
1981	SEPT 24-25	HILTON HEAD ISLAND, S.C.	J KING, D CONNOR, DUBEC
1982	SEPT 23-24	TORONTO	J KING, CENGBLOM
1983	OCT 20-21	N ORLEANS	J KING, M HANMER
1984	OCT 11-12	SCOTTSDALE	J. KING, C MCCARY
1985	SEP 12-13	TAMPA	J KING, C ENGBLOM
1986	OCT 9-10	WASH., D.C.	

OCC 2563

VCSA CONFERENCES 1979 - 1985

COMPANIES SUPPLYING SPEAKERS:

GOODRICH _____ 14

AIR PROD. _____ 10

ESSO CANADA _____ 7

DIAM. US _____ 5

DOW _____ 5

ICI _____ 5

OCCID _____ 4

VISTA _____ 4

NORSK HY _____ 4

PPG _____ 3

UCC _____ 3

HULS _____ 3

PRIMEX _____ 3

FIVE OTHERS _____ 2 EACH

FOUR OTHERS _____ 1 EACH

SPEAKERS , NUM. OF PRESENTATIONS

BARR, AIR PROD _____ 7

WALTEMATE, GOODRICH _____ 5

WALLACE, ESSO, CAN. _____ 4

VAUGHAN, ICI _____ 4

ZARATE, PRIMEX _____ 3

MCCOLLEY, VISTA _____ 3

SCHAAF, GOODRICH _____ 3

KING, OCCID. _____ 3

SIX OTHERS - 2X EACH

FORTY FOUR OTHERS - 1X EACH

VCSA COMPANIES PROVIDING SPEAKERS

COMPANY	NUM. OF SPEAKERS											
	79	80	81	82	83	84	85	86	87	88	89	90
AIR PROD	2	1	1	2	1	1	2					
BORDEN		1				1						
CERTAINTED												
DIAM US	2	2	1									
DOW	1	1	1		1		1					
FORMOSA					1		1					
GEO PAC (GULF)				1	1							
ETHYL		1		1								
GOODRICH	2	1	2	2	4	2	1					
GOODYEAR												
KEY CENT												
FIRESTONE												
HOKKER/OCCID			1		1	1	1					
PPG					1	1	1					
SHELL		1										
SHINTECH												
TENNECO		1	1									
CONOCO/VISTA			1		2	1						
UCC	1					1	1					
VULCAN												
AKZO		1										
EKO CHEM												
DIAM CAN						1						
ENICHEM												
FRUTAROM												
ESSO CAN	1			3	1	2						
HULS	1		1	1								
ICI			1		1	2	1					
LVM						1						
MITSUBI CHEM												
NIPPON ZEON												
NORSK HYDRO				1		1	2					
PERQUVEN												
PETROQUIMICA												
PRIMEX				1		1	1					
POLIMEROS												
WACKER		1					1					

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VC SA SPEAKERS

SPEAKER	COMPANY	'79	'80	'81	'82	'83	'84	'85	'86	'87
FLEMING	AIR PROD	X								
WOBSER	UCC	X								
HENDERSON	DIAM. SHAM.	X								
TERWIESCH	HULS	X		X						
WALTEMAE	GOODRICH	X			X	X	X	X		
FREY	DIAM SHAM	X								
CLARK	DOW	X	X							
SCHAAF	GOODRICH	X	X	X						
WALLACE	ESSO CANADA	X			X	X	X			
BARR	AIR PROD	X	X	X	X	X	X	X		
SMITH	ETHYL		X							
MOORE	TENNECO		X							
SWINKEL	AKZO		X							
DEUSHL	WACKER		X					X		
RODWINI	SHELL		X							
LIZEK	DIAM SHAM		X							
ZIMMERMAN	DIAM SHAM		X							
ASTI	GRT AMER		X							
JEPSON	BORDEN		X							
MC COLLEY	CONOCO			X		X	X			
OUBRE	DOW			X				X		
KAMINSKI	GOODRICH			X						
RHOADS	TENNECO			X						
BRUMBAUGH	GEN TIRE			X						
WEEKLY	PANTASOTE			X						
DUBEC	HOOVER			X						
LULL	DIAM SHAM			X						
VAUGHAN	ICI			X		X	X	X		
ZARATE	PREMEX				X		X	X		
KRISTENSEN	NORSK HYDRO				X					
SAJTAJ	AIR PROD				X					
LAUDRIE	GEN TIRE				X					
WEISZ	GOODRICH				X					
MATHEWS	ESSO CANADA				X					
SERRATORE	ESSO CANADA				X					
GABBETT	GED PAC				X					
LOECHLT	ETHYL				X					

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SPEAKERS

OCC 2567

VCSA HISTORY

- SERIOUS INCIDENTS

- 1 - 1964 THOMPSON CHEMICAL
- 2 - 1968 HOOKER-BURLINGTON PLANT
- 3 - 1969 GLENDORA, MISS. - TANK CAR DERAILEMENT
- 4 - 1969 TENNECO - FLEMINGTON PLANT
- 5 - 1972 GOODYEAR - PLAQUEMINE PLANT

- MCA AD HOC COMMITTEE

DOW	CONOCO
PPG	ETHYL
BFG	TENNECO

- 1970 CHEMTREC ORGANIZED

- 1971 VINYL CHLORIDE SAFETY ASSOCIATION

WP10/16960-3
12/2/82

OCC 2568

FUNCTIONS

- ANNUAL MEETINGS
- QUARTERLY MEETINGS DURING VCL OSHA STANDARD DEVELOPMENT
- EXCHANGE OF SAFETY INFORMATION
- CASE HISTORIES OF SERIOUS INCIDENTS
- SHARING OF SAFETY INFORMATION
 - (A) VESSEL ENTRY PROCEDURES
 - (B) RESPIRATORY PROCEDURE
 - (C) FERTILE FEMALE POLICY
 - (D) EXPOSURE LEVELS
- SHARING OF OSHA EXPERIENCES
- CONDUCTING OF SURVEYS

WP10/16960-4
12/2/82

COMMENTS FROM TORONTO MEETING

- CONCERN FROM INTERNATIONAL MEMBERS
- ORIGINALLY NOT INTERESTED IN PREPARING STANDARDS
- SATISFIED WITH PRESENT SETUP WITH OPEN EXCHANGE OF INFORMATION

SUGGESTED ACTION

- DETERMINE HOW TO INCLUDE INTERNATIONAL MEMBER
- PROVIDE LIST OF DIRECT BENEFITS
- GET SUPPORT FROM MEMBER COMPANIES' MANAGEMENT

WP10/16960-5
12/2/82

OCC 2570