

Texas City, Texas

E. M. Travis
E. N. Brasfield

July 21, 1965

SAFETY SAMPLING INDEX PROGRAM
INSPECTION TEAM NO. 41

R. A. Wallace
Maintenance

Effective immediately you are hereby assigned as a member of Inspection Team No. 41. The captain of your team is Mr. E. M. Travis and the other member is Mr. E. N. Brasfield. I am sending you the attached information about the program.

Tony Ozarchuk 

:ps

Attachments

SC 14677

RSV0032406

SAFE PRACTICES

1. Wearing of personal protective equipment, such as hard hats and shoes.
2. Permits are up to date and properly filled out.
3. Blocked safety equipment—blocking access to exits, eye baths, showers, etc.—using fire department privileges without authority.
4. Horseplay is strictly forbidden.
5. Carrying matches or lighters is prohibited. Check back pockets and belt.

UNSAFE ACTS

1. Unsafe work position—working from handrails, standing on steel pipes, walking or working under loads.
2. Riding bicycles in areas or on sidewalks—act putting bicycles in racks where provided.
3. Working on moving equipment—using equipment without guards or that are defective.
4. Unsafe work practices:-
 - a. Cleaning with solvents or compressed air
 - b. Throwing tools
 - c. Jumping from platforms or onto moving vehicles
 - d. Running
5. Entering barricaded or roped-off areas, and short-cutting through or loitering around process areas.

UNSAFE CONDITIONS

1. Ladders—fastened at top, provided safety shoes and general condition of ladders.
2. Hand tools—broken handles, mushroomed chisels, frayed electric cords and general condition.
3. Guards—absence of guards on pumps, turbines, etc.—absence of guards for work areas, holes not covered, areas not roped off, "working overhead" signs missing, etc.
4. Safety equipment operability—eye baths and showers, fire extinguishers and gas masks are in box and sealed—sprinkler system block valves are open.
5. General housekeeping:-
 - a. Signs are clear and appropriate
 - b. Hoses are racked
 - c. Kitchens and restrooms are clean

/bs
6/4/63

SC

14678

RSV0032407

Dear Fellow Inspector:

Beginning in February, we are initiating an inspection program described in detail in the attached procedure. This program is designed to incorporate several advantages and stimulus for our safety program.

By sampling, we will obtain a rolling index of safety performance in the Plant, both by area and total Plant.

By inspection, we will see how the other areas are doing their safety job, sharpen our own eyes to be more observant, and gain the critical observation of others so that we can improve our own areas.

By participation, we will involve almost all of the manufacturing supervision in an active and useful safety program.

By training, we will learn more about safety and improve our performance.

A complete cycle for this program will take two years, but we will be continually evaluating the value of the program. The time required of each supervisor is nominal, amounting to about one hour a month, and the results can be so rewarding.


W. R. Nisbet

SC

14679

RSV0032408

SAFETY SAMPLING INDEX PROGRAM

This program is designed to measure group and plant safety performance augmenting our injury statistical program so that corrective measures can be taken to prevent injuries. It is a safety sampling system focused on personal injury prevention and is not a measure of process adequacy or hazard.

The Plant is divided into twenty-eight areas, listed on the attachment. Each area will be inspected every other week by a different team of three supervisors. These inspections will be limited to a maximum of fifteen minutes and the inspectors will look for safety rule infractions, unsafe acts or practices, and unsafe conditions or hazards (housekeeping items only if serious enough to cause injury). The inspection team will give no advance notice but will "check in" with supervision of the area at the time of inspection.

The inspection teams—fifty-six teams of three supervisors each—are listed on the attachment. The twenty-eight teams in Group A will make their inspection during the second week of the month. The twenty-eight teams in Group B will make their inspection during the fourth week of the month. A master schedule will be prepared for each of the team captains.

The team captain is responsible for:

1. Setting the time of inspection during the scheduled week.
2. Selecting the section or sections of the area to be inspected.
3. Collecting the team member's reports and preparing a summary immediately after the inspection. The summary should be made as an original to be sent to the General Supervisor of the inspected area and a copy to be sent to the safety department for calculation of the Index for the inspected area and compiled with other reports to obtain a Plant Index.

A sample inspection sheet is attached. The summary can be in pencil and should include the total infractions found in each category and a listing of a comment on each of the infractions found so that the supervisor will know what was found in his area.

On the first Thursday of the month, members of the Group A teams will meet in the Research Conference Room at 1300 for a Safety Training Session. Similarly, on the third Thursday of the month at 1300 in the Research Conference Room, members of the Group B teams will meet for Safety Training. These training sessions will be conducted by the safety director, initially on how the inspections will be conducted but later will include other safety subjects. Since two sessions are given each month, each inspector is expected to attend preferably the assigned session but if a conflict occurs, then the other session that month.

The first meeting of Group A will be on February 7 and for Group B on February 21, 1963.

SAFETY SAMPLING INDEX PROGRAM

SC

14681

Safety Rule Violations	Unsafe Acts Or Practices	Unsafe Conditions Or Safety Hazards

Area _____
Date _____
Time _____
Inspector _____

INSTRUCTIONS:

1. Inspection is limited to 15 minutes.
2. Record number of each type of observation in squares above.
3. Prepare a written report of items observed and send copies to supervisor of area and safety department.

GUIDES FOR INSPECTION:

A. Rule Violations

Any infraction of Plant or unit safety rules.

B. Unsafe Acts Or Practices

Working at unsafe speed	Horseplay, distracting
Working on moving machinery	Improper method
Unsafe position	Inattention
Unsafe loading, piling, etc.	Lack of knowledge
Permits improper and out-of-date	Failure to warn or protect
Making safety devices inoperative	Using equipment unsafely

C. Unsafe Conditions

Improper guarding	Switches and equipment unmarked
Defective equipment	Utility stations unmarked
Tripping or head knocker hazards	Gas bottles unchained, not protected
Unsafe dress	Pipe hangers inadequate
Improper design	Fire or safety equipment blocked
Inadequate ventilation or light	Hoists - poor condition or misused
Blocked stairways or aisles	Ladders - poor condition or misused
Defective hand tools	Eye baths and showers inoperable

INSPECTION TEAMS - GROUP A

<u>TEAM NO.</u>	<u>CAPTAIN</u>	<u>MEMBERS</u>	
1	W. R. Nisbet	J. J. Matley	G. A. Benn
2	F. J. Kaye	B. R. McNeese	Frank Bales
3	N. F. Wood	C. K. Best	J. J. McQueeny
4	G. H. Shoptaw	B. L. Jacob	F. R. Cook
5	R. G. McDonnell	C. S. Richardson	R. L. Townsend
6	G. T. Ryan	A. J. Stroud	H. W. Scoggins
7	O. L. Smith	J. E. Cooper	Mike Hughes
8	G. A. Gabriles	H. L. Finch	R. H. Duvon
9	C. H. Duhon	H. M. Lacy	S. H. Brand
10	R. V. Butz	S. F. Scarcella	L. N. Vickery
11	B. J. Darby	S. F. Hulsey	O. W. Sadler
12	W. C. Fuller	L. Y. Saunders	G. D. Shields
13	A. W. Gazzier	F. J. Mootz	H. H. Treaccar
14	J. J. Hickey	T. H. Coffing	W. F. Seelbach
15	H. W. Cutcher	A. M. West	P. R. Lewis
16	Albert Boone	C. R. Faulkner	M. W. Warwick
17	G. Lunsford	R. V. Parker	B. E. Clawson
18	C. W. Warren	W. B. Stallings	J. W. Paschal
19	Conrad Berg	R. J. Burkett	G. K. Pheneger
20	G. L. Stacy	J. M. Anderson	W. M. Talbert
21	E. T. Grubbs	T. Nelson	L. P. Mitchell
22	J. B. Meyers	D. R. Wise	J. D. Fuller
23	B. L. Johnson	H. P. Chauvin	J. B. Thrash
24	A. P. Wilcox	J. L. Schlechte	J. E. Springfield
25	E. H. Jones	T. E. Richards	J. W. Butler
26	R. F. Arnold	W. P. Gerald	C. D. West
27	J. M. Davis	Jack Kiser	N. R. Carrick
28	K. F. Webb	F. C. Gilmer	J. R. Sheehan

INSPECTION TEAMS - GROUP 1

SC

14683

<u>TEAM NO.</u>	<u>CAPTAIN</u>	<u>MEMBERS</u>	
29	W. H. Slager	J. M. Dickey	N. J. Broussard
30	A. J. Romeril	J. B. Howell	D. V. Bartosh
31	L. Schwab	J. H. Carnes	A. R. Wilson
32	J. E. Fox	Leslie McDonald	M. T. Carpenter
33	A. W. Kuehl	A. J. Bolton	C. L. Puckett
34	F. E. Grissom	N. W. Wade	P. F. Murray
35	J. F. Carlisle	R. E. Watson	J. H. Booker
36	C. T. Murray	J. McClellan	J. W. Hogan
37	W. L. Dyer	V. E. Logan	W. F. Bridenbaugh
38	A. G. Simons	H. F. Boggess	C. D. Wilson
39	W. E. Repschleger	R. W. Braden	F. L. Bates
40	W. T. Anderson	Carl Jumper	H. J. LaBorde
41	E. M. Travis	E. N. Brasfield	J. W. Kachtick
42	J. E. Bersuder	B. R. Dingle	C. C. Hebert
43	J. P. Whelton	N. H. Goodwin	H. T. Wheatley
44	G. A. Danner	D. L. Blass	D. E. Hager
45	Leroy Jackson	R. L. Stuart	W. L. Smull
46	W. V. Marshall	R. W. Sims	S. S. Keppler
47	E. F. Gorcyca	G. R. King	R. J. Hoyland
48	R. F. Kaeble	J. H. Jackson	J. S. McCurley
49	J. D. Clyde	R. T. Schurwon	H. D. Oltmann
50	W. L. Riddick	T. E. Kessler	R. A. Hume
51	H. I. Holdeman	M. W. Cook	R. L. Bennett
52	J. C. Clark	E. R. Wilson	B. D. Jones
53	W. F. Spoede	R. Rosenberg	James A. Jones
54	L. R. Calaway	D. L. Helweg	S. B. Walker
55	George Hart	B. R. Bennett	T. G. Lyons
56	H. H. Davis	John Caulfield	J. E. Robinson

RSV0032412

SAFETY SAMPLING INDEX PROGRAM -- 1964

SC

14684

AREA BY MONTH OF INSPECTION

TEAM	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT.	OCT	NOV	DEC.
<u>Group A -- (Second Week)</u>												
1	14	5	11	16	24	3	17	26	15	8	10	27
2	15	6	12	17	25	4	18	27	14	9	11	28
3	16	7	13	18	26	5	19	28	15	10	12	1
4	17	8	14	19	27	6	20	1	16	11	13	2
5	18	9	15	20	28	7	21	2	17	12	14	3
6	19	10	16	21	29	8	22	3	18	13	15	4
7	20	11	17	22	30	9	23	4	19	14	16	5
8	21	12	18	23	31	10	24	5	20	15	17	6
9	22	13	19	24	1	11	25	6	21	16	18	7
10	23	14	20	25	2	12	26	7	22	17	19	8
11	24	15	21	26	3	13	27	8	23	18	20	9
12	25	16	22	27	4	14	28	9	24	19	21	10
13	26	17	23	28	5	15	1	10	25	20	22	11
14	27	18	24	1	6	16	2	11	26	21	23	12
15	28	19	25	2	7	17	3	12	27	22	24	13
16	1	20	26	3	8	18	4	13	28	23	25	14
17	2	21	27	4	9	19	5	14	1	24	26	15
18	3	22	28	5	10	20	6	15	2	25	27	16
19	4	23	1	6	11	21	7	16	3	26	28	17
20	5	24	2	7	12	22	8	17	4	27	1	18
21	6	25	3	8	13	23	9	18	5	28	2	19
22	7	26	4	9	14	24	10	19	6	1	3	20
23	8	27	5	10	15	25	11	20	7	2	4	21
24	9	28	6	11	16	26	12	21	8	3	5	22
25	10	1	7	12	17	27	13	22	9	4	6	23
26	11	2	8	13	18	28	14	23	10	5	7	24
27	12	3	9	14	19	29	15	24	11	6	8	25
28	13	4	10	15	20	30	16	25	12	7	9	26

Group B -- (Fourth Week)

29	13	4	10	15	23	2	16	25	12	7	9	26
30	12	3	9	14	22	1	15	24	11	6	8	25
31	11	2	8	13	21	28	14	23	10	5	7	24
32	10	1	7	12	20	27	13	22	9	4	6	23
33	9	28	6	11	19	26	12	21	8	3	5	22
34	8	27	5	10	18	25	11	20	7	2	4	21
35	7	26	4	9	17	24	10	19	6	1	3	20
36	6	25	3	8	16	23	9	18	5	28	2	19
37	5	24	2	7	15	22	8	17	4	27	1	18
38	4	23	1	6	14	21	7	16	3	26	28	17
39	3	22	28	5	13	20	6	15	2	25	27	16
40	2	21	27	4	12	19	5	14	1	24	26	15
41	1	20	26	3	11	18	4	13	28	23	25	14
42	28	19	25	2	10	17	3	12	27	22	24	13
43	27	18	24	1	9	16	2	11	26	21	23	12
44	26	17	23	28	8	15	1	10	25	20	22	11
45	25	16	22	27	7	14	28	9	24	19	21	10
46	24	15	21	26	6	13	27	8	23	18	20	9
47	23	14	20	25	5	12	26	7	22	17	19	8
48	22	13	19	24	4	11	25	6	21	16	18	7
49	21	12	18	23	3	10	24	5	20	15	17	6
50	20	11	17	22	2	9	23	4	19	14	16	5
51	19	10	16	21	1	8	22	3	18	13	15	4
52	18	9	15	20	28	7	21	2	17	12	14	3
53	17	8	14	19	27	6	20	1	16	11	13	2
54	16	7	13	18	26	5	19	28	15	10	12	1
55	15	6	12	17	25	4	18	27	14	9	11	28
56	14	5	11	16	24	3	17	26	13	8	10	27

AREA OF INSPECTION

- | | | |
|-----------------------|-------------------------------------|------------------------------|
| 1. Dept. 10 | 11. Dept. 33 | 20. Power 1 |
| 2. Dept. 2 - 3 | 12. Dept. 34 | 21. Power 2 |
| 3. Dept. 4 - 8 | 13. Dept. 35 | 22. Control Lab |
| 4. Dept. 5 - 7 | 14. Dept. 41 | 23. PE Lab |
| 5. Dept. 6 | 15. Dept. 42 | 24. Pilot Plant |
| 6. Dept. 17 & 18C | 16. #4 Dock and Propane Racks | 25. Shops |
| 7. Dept. 18P & 24 | 17. #1, 2 & 3 Docks & Styrene Racks | 26. Stores |
| 8. Dept. 19, 20, & 25 | 18. AN & VCM Racks | 27. Warehouses A, B & C |
| 9. Dept. 22, 23 & 26 | 19. PE Warehouse & Loading | 28. Instrument & Paint Shops |
| 10. Dept. 31 | | |

RSV0032413

<u>REAS OF INSPECTION</u>	<u>GENERAL OPERATI SUPERVISORS</u>	<u>GENERAL MAINTENANCE SUPERVISORS</u>
1. Dept. 10	Darby	Riddick
2. Dept. 2 - 3	Repschleger	Riddick
3. Dept. 4 - 8	Repschleger	Riddick
4. Dept. 5 - 7	Repschleger	Riddick
5. Dept. 6	Repschleger	Riddick
6. Dept. 17 & 18C	Simons	Kuehl
7. Dept. 18P & 24	Simons	Kuehl
8. Dept. 19, 20 & 25	L. Jackson	Kuehl
9. Dept. 22, 23 & 26	Darby	Duhon
10. Dept. 31	W. C. Fuller	Kuehl
11. Dept. 33	Smull	Duhon
12. Dept. 34	Darby	Duhon
13. Dept. 35	O. L. Smith	Schwab
14. Dept. 41	Butz	Schwab
15. Dept. 42	Butz	Schwab
16. #4 Dock & Propane Racks	W. T. Anderson	Riddick
17. #1, 2 & 3 Docks & Styrene Racks	W. T. Anderson	Riddick
18. AN & VCM Racks	W. T. Anderson	Riddick
19. PE Warehouse & Loading	W. T. Anderson	Schwab
20. Power 1	R. A. Hume	Riddick
21. Power 2	R. A. Hume	Riddick
22. Control Lab	Lunsford	Riddick
23. PE Lab	Bersuder	Schwab
24. Pilot Plant	W. R. Johnson	Riddick
25. Shops	Hickey	Riddick
26. Stores	Whelton	Hume
27. Warehouses A, B, & C	Whelton	Hume
28. Instrument & Paint Shops	Bolton	Erd

5/1/65

SC

14685

RSV0032414

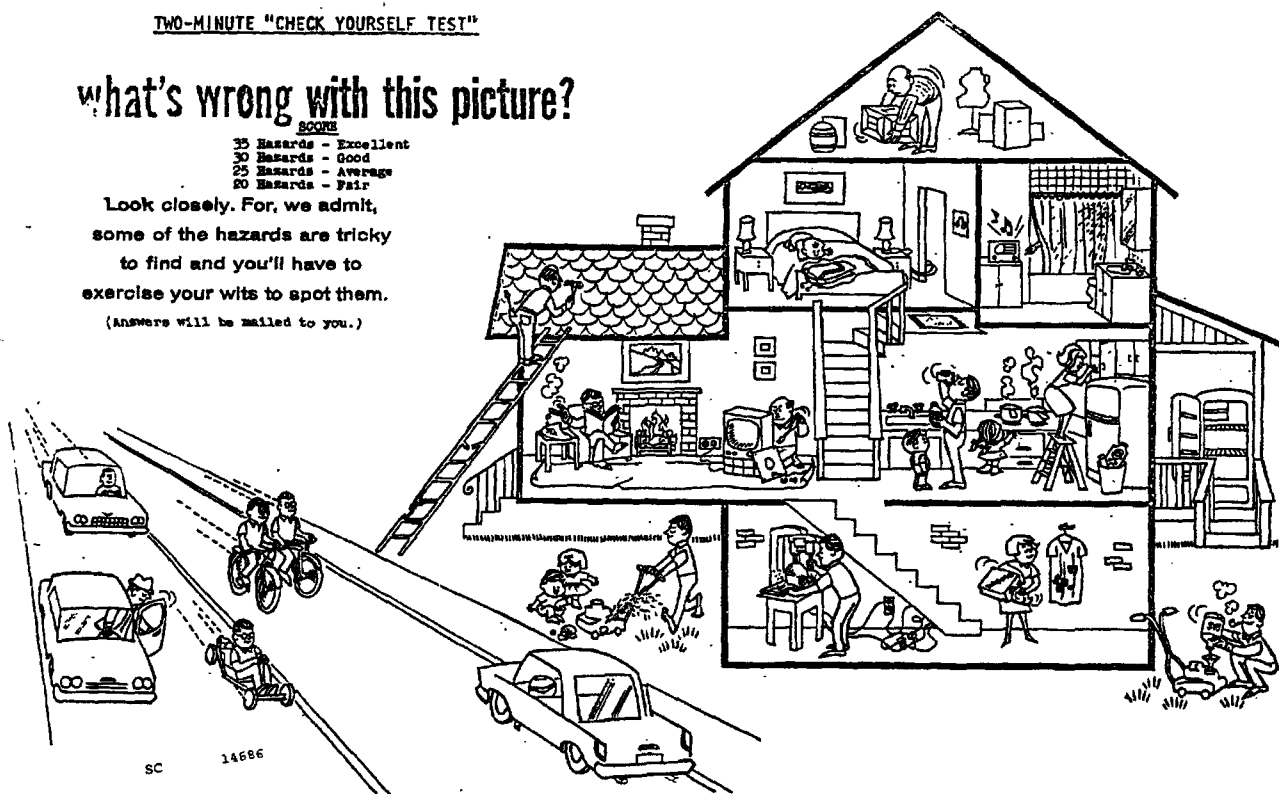
TWO-MINUTE "CHECK YOURSELF TEST"

what's wrong with this picture?

SCORE
 35 Hazards - Excellent
 30 Hazards - Good
 25 Hazards - Average
 20 Hazards - Fair

Look closely. For, we admit,
 some of the hazards are tricky
 to find and you'll have to
 exercise your wits to spot them.

(Answers will be mailed to you.)



RSV0032415



answers to what's wrong with this picture?

(Picture given to you at SSIP meeting)

Outdoors

The man getting out of the car on the traffic side risks being struck by an oncoming car.

The boy is driving a go-cart in the street. These motorized vehicles are dangerous (children should not operate them), and are illegal on public roads and sidewalks.

The boys on the bicycles are riding two abreast, instead of single file, making it difficult for cars to pass. Also, they are on the left side of the street when they should ride on the right. Cyclists are required to obey the same traffic laws as motorists.

The man using a power mower is bare footed, an abominable practice, for one slip and the blade could chop off his entire foot. Persons mowing should wear leather shoes, preferably safety shoes with a steel tip. Children are playing near the mower as they should never be allowed to do. And the yard is littered with debris which the mower blade could pick up and hurl with deadly force.

The fellow refueling the power mower commits two sins with gasoline: carrying it in a glass jug and smoking while pouring it. Vapors could ignite, blowing up in his face.

The man on the ladder has made a number of errors. He has placed the ladder at such a shallow angle that it could slip. Nor is it firmly supported at the top; it should extend

about three feet above the house roof. It has a broken rung. The man is not holding on to the ladder, is standing too far up (fifth rung from top should be maximum) and is carrying a sharp tool in his pocket which could injure himself or someone else.

Indoors

Living room: Curled up edge of rug is a tripping hazard. There's no screen on the fireplace; coals could pop out, igniting nearby combustibles.

A do-it-yourselfer is working on a television that's plugged in; he shouldn't be tinkering with the set at all, but doing it while it's "live" is asking for electrocution. The smoker is using a dangerously designed ashtray, a flat one with no grooves or high edges to hold cigarettes in.

Basement: Man is using a saw with no guard; thus his fingers could slip under the blade. He's not wearing eye protection to keep wood chips from flying in his eyes.

The tangled "octopus" of cords shows that wiring is overloaded and could cause fire. Woman is cleaning a dress with benzine which is so flammable it should never be used in homes. The basement stairs has no railing.

Kitchen: Man is taking pills while child watches—a dangerous practice, for children are imitative and may take the medicine when you're not looking.

Pot handles are turned outward so

the child could pull hot liquid on her. Woman is standing on top step of ladder and could slip. A poison bottle has been thrown in the waste basket where children could retrieve it; even if bottle is empty, the residue might poison a child.

Bedroom: Baby, left alone, could roll off bed, or be suffocated by the plastic dry cleaning bag draped over foot of bed. The cord on the table lamp shouldn't run through the doorway. Someone could trip over the wires or the pinching of the cords against the doorframe or floor could damage insulation, creating a shock and fire hazard.

The top of the stairs is no place for a throw rug. A person who slipped on it could tumble downstairs.

Bathroom: Woman in the shower is reaching out to adjust the blaring radio, and could be electrocuted. The bathroom should be out-of-bounds for such electrical appliances.

Attic: Man is lifting box the wrong way—by bending at the waist. This way he puts the load on back muscles and could suffer a severe strain. It's safer to pick up heavy objects by bending the knees, putting the load on stronger leg muscles.

Porch: Unused refrigerator is an attraction to youngsters who may climb inside, close the door and suffocate. Such refrigerators should be dismantled to prevent their being air tight.

SAFETY SAMPLING INDEX PROGRAM

INSPECTION GROUP "A"					Month	DECEMBER Year 1964			
Team	R	A	C	Sum.	Area	R	A	C	Sum.
1	0	0	10 1/2	82	1	—	—	—	—
2	0	0	0	100	2	0	0	7 1/2	89
3	0	0	5	92	3	0	0	4	93
4	0	0	3*	95	4	0	0	1	98
5	0	0	2	97	5	0	0	9	85
6	0	0	3	95	6	0	0	16 1/2	73
7	—	—	—	—	7	—	—	—	—
8	—	—	—	—	8	—	—	—	—
9	0	0	7 1/2*	89	9	—	—	—	—
10	0	0	4	93	10	1 1/2	0	4 1/2	83
11	0	0	1	98	11	0	1	6	83
12	0	0	9*	85	12	0	0	3	95
13	0	0	16 1/2*	73	13	—	—	—	—
14	—	—	—	—	14	0	0	3	95
15	—	—	—	—	15	—	—	—	—
16	—	—	—	—	16	1	0	3	88
17	1 1/2	0	4 1/2*	83	17	0	0	8	87
18	0	1	6	83	18	0	0	6	90
19	0	0	3*	95	19	1	4	5	58
20	—	—	—	—	20	0	4	6	63
21	0	0	3*	95	21	0	1	1	92
22	—	—	—	—	22	0	0	10 1/2	82
23	1	0	3	88	23	0	0	0	100
24	0	0	8	87	24	0	0	5	92
25	0	0	6	90	25	0	0	3	95
26	1	4	5	58	26	0	0	2	97
27	0	4	6	63	27	0	0	3	95
28	0	1	1	92	28	—	—	—	—
Total					Total				

SC

14688

RSV0032417

SAFETY SAMPLING INDEX PROGRAM

INSPECTION GROUP "B"					Month <u>NOVEMBER</u> Year <u>1965</u>				
Team	R	A	C	Sum.	Area	R	A	C	Sum.
29	—	—	—	—	1	0	0	5	92
30	—	—	—	—	2	0	0	0	100
31	1	2	4	73	3	—	—	—	—
32	—	—	—	—	4	—	—	—	—
33	0	0	1	98	5	0	0	1	98
34	—	—	—	—	6	—	—	—	—
35	—	—	—	—	7	1	2	4	73
36	0	0	0	100	8	—	—	—	—
37	0	0	5	95	9	—	—	—	—
38	—	—	—	—	10	—	—	—	—
39	0	0	2	91	11	0	0	4	93
40	0	0	3	95	12	0	0	1 1/2	97
41	1	1	7	95	13	—	—	—	—
42	—	—	—	—	14	—	—	—	—
43	—	—	—	—	15	—	—	—	—
44	0	0	3	95	16	—	—	—	—
45	—	—	—	—	17	—	—	—	—
46	0	0	2	97	18	—	—	—	—
47	1	0	2	90	19	1	0	2	90
48	—	—	—	—	20	0	0	2	97
49	—	—	—	—	21	—	—	—	—
50	—	—	—	—	22	0	0	3	95
51	—	—	—	—	23	—	—	—	—
52	—	—	—	—	24	—	—	—	—
53	—	—	—	—	25	1	1	2	82
54	0	0	1 1/2	97	26	0	0	3	95
55	0	0	4	93	27	0	0	2	97
56	—	—	—	—	28	—	—	—	—
Total					Total				

JUNE July A '8. SEPT OCT '10.

AREA	A	B	A	B	A	B	A	B	A	B	A	B	TOTAL	AVE.	POS.
1	2	5	3 1/2	4 1/2	4	4	—	2 1/2	6	3	—	6	40.5	4.05	
2	4	3 1/2	—	4	—	4	3	2	5	2	—	6	33.5	3.72	
3	5	—	3	—	4 1/2	5	4	3	4	2	2	—	32.5	3.61	
4	—	5	5	—	—	—	—	2	—	5	—	—	17.0	4.25	
5	4	3	3 1/2	6	—	3	—	4	1	3	1	6	34.5	3.45	
6	5	3	2	3 1/2	3	—	1	—	5	3	—	—	25.5	3.19	
7	4	—	5 1/2	5	4	3	—	4	3	5	6	2	40.5	4.05	
8	2 1/2	3	—	4	2 1/2	5 1/2	5 1/2	3	—	3	3	—	32.0	3.56	
9	3 1/2	—	—	2	3 1/2	3	—	—	4	3	6	—	25.0	3.57	
10	4	—	5	4 1/2	—	—	5	5	—	6	4	—	33.5	4.79	
11	—	—	—	—	4	5	6	—	3	5	5 1/2	4	32.5	4.64	
12	2 1/2	5	5 1/2	—	5 1/2	—	—	—	—	—	—	5	23.5	4.70	
13	5	2	—	3	1	5	3	2	1	4	2	—	28.0	2.80	
14	5	5	3	6	5 1/2	1	2 1/2	1	—	4	—	—	33.0	3.67	
15	—	3	1	—	1	1	—	2	5	5	6	—	24.0	3.00	
16	3	—	2	3 1/2	5 1/2	4	—	—	5	—	—	—	23.0	3.83	
17	2	—	—	5	—	1	3	—	—	2	—	—	13.0	2.60	
18	2	3	2 1/2	2	—	1	2 1/2	2	4	5 1/2	2	—	26.5	2.65	
19	2	2 1/2	3	4	4	4 1/2	—	—	6	6	—	4	36.0	4.00	
20	5	5	6	—	4	4	—	—	—	4 1/2	6	4	38.5	4.81	
21	2	—	—	3	3	5	4	—	—	—	2	—	19.0	3.17	
22	—	5	4 1/2	6	—	4	2 1/2	—	5 1/2	—	—	6	33.5	4.79	
23	—	3	—	3	2	1	2 1/2	1	3	—	5	—	20.5	2.56	
24	3	—	3	4	4	4	3 1/2	2	3 1/2	4 1/2	—	—	31.5	3.50	
25	3	4	6	—	—	—	—	2	6	3 1/2	6	3	33.5	4.19	
26	2	4	5	6	2	4	—	3	1	—	5 1/2	4 1/2	37.0	3.70	
27	3 1/2	—	—	3	5 1/2	6	4	—	—	3	4	6	35.0	4.38	
28	4	4	—	4	5	1	4	3	—	5	3	—	33.0	3.67	

SUPERVISOR'S SAFETY SAMPLING INDEX

STARTED FEBRUARY 1963

SAFETY TRAINING SESSION SUBJECTS

FEB 63 INTRODUCTION TO THE PROGRAM

MAR 63 IRONING OUT THE "BUGS" ON YOUR INSPECTIONS

APR 63 COMMUNICATIONS

MAY 63 'DANGER AREA'

JUNE 63 HOW YOU ARE DOING & SHEET OUT WHAT TO LOOK FOR.

JULY 63

AUG 63 ~~REPORTS~~ "SAFE HANDLING OF LIGHT ENDS

SEPT. 63 WHICH ARE RULES, ACTS OR CONDITIONS - SOME GUIDELINES TO FOLLOW

OCT 63 OUR RESPONSIBILITY FOR FIRE PREVENTION & PROTECTION

NOV 63 WHAT HAS BEEN FOUND ON INSPECTIONS - WHICH ARE RIGHT & WHICH ARE WRONG.

DEC 63 DE PONT'S "OBSERVATIONAL PRECEPTION"

JAN 64 SLIDES OF HOW TO IDENTIFY

FEB 64 SLIDES OF HOW TO IDENTIFY

MAR 64 HOW THE INFORMATION FROM THESE INSPECTIONS SHOULD BE USED

APR 64 UNSAFE ACTS & CONDITIONS SLIDES

MAY 64 UNSAFE ACTS & CONDITIONS SLIDES

JUN 64 UNSAFE ACTS & CONDITIONS SLIDES

JULY 64 REVIEW OF INSPECTIONS & USE OF ACCIDENT ANALYSIS AND BULLETINS

AUG 64 UNSAFE ACTS & CONDITIONS SLIDES

SEPT 64 SUGGEST THE SUPERVISOR REVIEW ACCIDENT REPORT BULLETINS. FIRE PREVENTION WEEK - COMBUSTION SAFETY.

OCT 64 ETHY COMPOSITIONS "FLAMMABLES - HANDLE WITH CARE."

NOV 64 LOT 66 TALKS TO STAFF ABOUT LOT 66 WORK PERFORMANCE.

Dec 64 — Visiting Nurse Service

Jan 65 —

Feb 65 — Safety & Property Protection Section of Control ^{REINTEGRATION}

Mar 65 — ^{Feasibility Plan??} Loss Prevention & Safety Organization

Apr. 65 — "Home Hazard Hunt"

May 65 — Youth Emotions?

June 65 —

Jul 65 —

Aug 65 —

Sep 65 —

Oct 65 —

Nov 65 —

Dec 65 —

What we gained —

(1) How other Areas are Doing Compared to our own

area.

(2) What others are observing in our area and a
challenge to clean our own home.

(3) Overall — What is an unsafe act or condition?

(4) TRAINING'S TO LOOK FOR CAUSE NOT AT THE EFFECT.

SUPERVISOR'S SAFETY Sampling INDEX

TRAINING SESSION SUBJECTS

1. INTRODUCTION TO THE PROGRAM
2. IRONING OUT THE "BUGS" IN YOUR INSPECTIONS.
3. COMMUNICATIONS.
4. "DANGER AIR"
5. A REVIEW OF ACTS & CONDITIONS FOUND ON YOUR INSPECTIONS AND A GUIDE FOR YOUR FUTURE INSPECTIONS.
6. "SAFE HANDLING OF LIGHT ENDS."
7. WHAT OBSERVATIONS ARE ACTS, Rule Violations OR ^{UNSAFE} CONDITIONS AND SOME GUIDES TO FOLLOW.
8. OUR RESPONSIBILITY FOR FIRE PREVENTION ~~AND~~ PROTECTION, ^{AND} THE MUTUAL AID SYSTEM.
9. "OBSERVATION PERCEPTION"
10. A SERIES OF SIX SLIDE PROGRAM OF UNSAFE ACTS AND CONDITIONS BOTH BOTH POSED & ACTUAL.
11. THE ^{PROPER} USE OF OUR MONTHLY STATISTICAL ANALYSIS REPORT.
12. "Flammable - HANDLE WITH CARE"
13. AN OBVIOUS LETDOWN IN SAFETY PERFORMANCE.
14. THE VISITING NURSE SERVICE.
15. THE NEWLY ORGANIZED SAFETY & PROPERTY PROTECTION SECTION OF CENTRAL ENGINEERING.
16. ~~SIX~~ FIVE SESSIONS ON THE TEXAS CITY PLANTS'

Loss Prevention & Safety Organization.

17. Home Hazard Hunt.

18. Controlling your Emotions ~~Section~~

SC

14694

MONSANTO COMPANY
TEXAS CITY, TEXAS

July 22, 1965

*VCM Quality
Run & P- Quality
Customer Complaint*
cc: W. T. Anderson
J. M. Chamberlin
A. H. Conrad
C. P. Fullerton
J. W. Kongable
W. H. Lane

G. Lunsford
W. R. Nisbet
R. W. Roten
G. T. Ryan
T. E. Shirley
W. H. Slager

CUSTOMER COMPLAINT

TO: B. J. Darby

FROM: W. B. Sheely

COMPLAINT NUMBER
65-14-VCM-3

PRODUCT: Vinyl Chloride Monomer

QUANTITY: 71,639 lbs.

DATE OF COMPLAINT
7-19-65

CUSTOMER: Union Carbide

DATE OF SHIPMENT & CARRIER
7-14-65 NATX 14948

LOCATION: Texas City

END USE: PVC

DETAILS

Dudley Hawthorne of Union Carbide at Texas City called to reject the tankcar NATX 14948 because it did not meet the "clear, colorless, no suspended matter specifications". The VCM was the "color of coffee". He had this confirmed by two other lab personnel and also sampled the car three times. The car was released back to Monsanto Texas City.

MONSANTO LOSSES FROM THE COMPLAINT

Direct: - Freight loss of \$33 switching charge plus an undetermined amount to rerun the material.

Indirect - Carbide has been a good source to dispose of VCM which could not be sent to Springfield in the past. Generally, Carbide can take almost any material, but VCM with a brown color is certainly not acceptable to them.

SPECIFIC ACTION REQUESTED

By customer - meet the clear and colorless specs in the future.

By marketing - Production - determine if and where our sample monitor failed to pick up this off-color VCM. Also if we can determine whether this particular tankcar could have contributed to coloring this VCM.

Control Lab - analyze sample of the car after it returns to our plant.
Try to identify the source of the color in this shipment.

SAMPLE

None requested as the material is being returned to our plant.

W. B. Sheely
W. B. Sheely

CBY 1111296

/bas

RSV0032424