



U.S. CONSUMER PRODUCT SAFETY COMMISSION
WASHINGTON, DC 20207

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SAN

Todd A. Stevenson
Deputy Secretary and
Freedom of Information Officer
Office of the Secretary

Tel: 301-504-0785X1239
Fax: 301-504-0127
Email: tstevenson@cpsc.gov

December 15, 1999

CERTIFIED MAIL

Ronald H. Schneider, Esq.
Schneider Law Firm
706 South First Street
P.O. Box 776
Willmar, MN 56201

Re: FOIA Request S9080059: Sanborn Air Compressors and Explosions
/ Complaints, Reported Incidents, Investigations of Incidents and Corrective Action or Recall
Files (FM840130) / File Search 1980 to Present

Dear Mr. Schneider:

Thank you for your Freedom of Information Act (FOIA) request seeking information from the Commission. The records from the Commission files responsive to your request have been processed and copies of the releasable responsive records are enclosed.

The enclosed records include file information generated by the Commission itself or its contractors for regulatory or enforcement purposes. These records are in file FM841030 and are identified as Establishment Inspection Reports, Laboratory Summaries, hazard assessment memoranda, correspondence, notes and documents. The Commission has established management systems under which supervisors are responsible for reviewing the work of their employees or contractors. The file information materials are final and have been prepared and accepted by the Commission's staff under such review systems. The Commission believes that it has taken reasonable steps to assure the accuracy of the information. Please note that the Commission's staff, not the Commissioners themselves, made the preliminary determination that this product presented a substantial risk of injury to the public as defined by the Consumer Product Safety Act.

The enclosed records include eight Epidemiologic Investigation Reports with the underlying and supporting documentation. The Commission has received this information from its formal investigation systems. Through these systems the Commission hopes to learn when specific products are associated with illness, injury or death. The Commission believes that it has taken reasonable steps to assure the accuracy of this information. While conducting the

interviews for the investigation reports, Commission staff or contractors have spoken with the individuals involved or with others who witnessed or are familiar with the incidents. Where possible, Commission staff have examined the products reportedly involved in the incidents. Although the Commission has investigated the incidents described in the investigation reports, the Commission has not necessarily determined the cause of the incidents.

Also enclosed are records pertaining to five product complaints and reported incidents that were submitted to the Commission by consumers and others. The consumers or submitters have confirmed the accuracy of the information in the complaints and reported incidents. The Commission has neither investigated the incidents nor conducted or obtained any evaluations of the products that corroborate the substance of the information contained in the complaints and reported incidents. In some of the complaints and reported incidents we have removed the identities of the complainants at their request.

We must withhold from disclosure two memoranda and a letter prepared by Commission attorneys that are responsive to your request and are contained in the Commission's Office of Compliance's law enforcement investigatory file (FM840130), pursuant to the FOIA Exemption 5, 5 U.S.C. §§ 552(b)(5). Exemption 5 provides for the withholding from disclosure of inter-agency and intra-agency memoranda which would not be available by law to a party other than an agency in litigation with the agency. The records being withheld consist of internal staff memoranda and correspondence containing recommendations, opinions, suggestions and analyses of the Commission's technical and legal staffs. The records constitute both predecisional and deliberative discussion that clearly falls within the attorney-client and attorney-work product privileges. Any factual materials in the records not covered by some other exemption are inextricably intertwined with exempt materials or the disclosure of the factual materials would itself expose the deliberative process. We have determined that the disclosure of these certain law enforcement investigatory records responsive to your request would be contrary to the public interest. It would not be in the public interest to disclose these materials because disclosure would impair the frank exchange of views necessary with respect to such matters.

The only other records from the Commission files responsive to your request relate to nine product complaints and reported incidents that the Commission has obtained from consumers, attorneys for consumers and others. The Commission has not received confirmation of the accuracy of the information in the complaints and reported incidents. Pursuant to Exemption 3 of the FOIA, 5 U.S.C. § 552(b)(3) and section 6(b)(1) of the Consumer Product Safety Act (CPSA), 15 U.S.C. § 2055(b)(1), and our regulations, 16 C.F.R. § 1101.32, we must withhold the unconfirmed product complaints and reported incidents. FOIA Exemption 3 provides for the withholding from disclosure of matters that are specifically exempted from disclosure by another statute. In applying FOIA Exemption 3, we are relying on section 6(b)(1) of the CPSA. That section prohibits the Commission from disclosing information about a

consumer product that identifies a manufacturer or private labeler unless the Commission has taken "reasonable steps" to assure that the information is accurate, that disclosure is fair in the circumstances, and that disclosure will be reasonably related to effectuating the purposes of the laws that the Commission administers. See Commission regulation, 16 C.F.R. § 1101.32. The Commission's policy is to withhold each consumer complaint and reported incident unless: (1) the Commission has conducted an investigation of the complaint and reported incident, and the investigation corroborates the substance of the complaint and reported incident; (2) the Commission has conducted or obtained a technical, scientific, or other evaluation of the product that is the subject of the complaint and reported incident, and evaluation corroborates the substance of the information contained in the complaint and reported incident; or (3) the consumer or person reporting or submitting the incident confirms the accuracy of the information. The Commission did not take any of these steps with regard to these certain consumer complaints and reported incidents responsive to your request. While it has been Commission practice since June-1983 to seek confirmation of incoming consumer complaints and incidents, the Commission does not have the resources to seek confirmation of the complaints and incidents where a consumer has not responded to our request for confirmation of the information.

You will note that in the documents disclosed information that could identify injured parties has been deleted, because section 25(c) of the CPSA, 15 U.S.C. § 2074(c)(1), prohibits such disclosures without the consent of those individuals. In some cases the parties have denied consent or consent has not otherwise been obtained.

According to the Commission's regulations implementing the FOIA at 16 C.F.R. § 1015.7, a partial denial of access to records may be appealed to the General Counsel of the Commission within thirty (30) days of your receipt of this letter. An appeal must be in writing and addressed to: FOIA APPEAL, General Counsel, ATTN: Office of the Secretary, U.S. Consumer Product Safety Commission, Washington, D. C. 20207.

Processing this request, performing the file searches and preparing the information, cost the Commission \$150.00. In this instance, we have decided to waive all of the charges.

Sincerely,

Todd A. Stevenson

Enclosures



U.S. CONSUMER PRODUCT SAFETY COMMISSION
WASHINGTON, DC 20207

Todd A. Stevenson
Deputy Secretary and
Freedom of Information Officer
Office of the Secretary

Tel: 301-504-0785X1239
Fax: 301-504-0127
Email: tstevenson@cpsc.gov

December 15, 1999

CERTIFIED MAIL

Daniel D. Bernstein, Esq.
William J. Bribresco & Associates
2407 18th Street ♦ Suite 208
Bettendorf, IA 52722

Re: FOIA Request S9080161: Sanborn Air Compressors and Explosions
/ Complaints, Reported Incidents, Investigations of Incidents and Corrective Action or Recall
Files (FM840130) / File Search 1980 to Present

Dear Mr. Bernstein:

Thank you for your Freedom of Information Act (FOIA) request seeking information from the Commission. The records from the Commission files responsive to your request have been processed and copies of the releasable responsive records are enclosed.

The enclosed records include file information generated by the Commission itself or its contractors for regulatory or enforcement purposes. These records are in file FM841030 and are identified as Establishment Inspection Reports, Laboratory Summaries, hazard assessment memoranda, correspondence, notes and documents. The Commission has established management systems under which supervisors are responsible for reviewing the work of their employees or contractors. The file information materials are final and have been prepared and accepted by the Commission's staff under such review systems. The Commission believes that it has taken reasonable steps to assure the accuracy of the information. Please note that the Commission's staff, not the Commissioners themselves, made the preliminary determination that this product presented a substantial risk of injury to the public as defined by the Consumer Product Safety Act.

The enclosed records include eight Epidemiologic Investigation Reports with the underlying and supporting documentation. The Commission has received this information from its formal investigation systems. Through these systems the Commission hopes to learn when specific products are associated with illness, injury or death. The Commission believes that it has taken reasonable steps to assure the accuracy of this information. While conducting the interviews for the investigation reports, Commission staff or contractors have spoken with the

individuals involved or with others who witnessed or are familiar with the incidents. Where possible, Commission staff have examined the products reportedly involved in the incidents. Although the Commission has investigated the incidents described in the investigation reports, the Commission has not necessarily determined the cause of the incidents.

Also enclosed are records pertaining to five product complaints and reported incidents that were submitted to the Commission by consumers and others. The consumers or submitters have confirmed the accuracy of the information in the complaints and reported incidents. The Commission has neither investigated the incidents nor conducted or obtained any evaluations of the products that corroborate the substance of the information contained in the complaints and reported incidents. In some of the complaints and reported incidents we have removed the identities of the complainants at their request.

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laws that the Commission administers. See Commission regulation, 16 C.F.R. § 1101.32. The Commission's policy is to withhold each consumer complaint and reported incident unless: (1) the Commission has conducted an investigation of the complaint and reported incident, and the investigation corroborates the substance of the complaint and reported incident; (2) the Commission has conducted or obtained a technical, scientific, or other evaluation of the product that is the subject of the complaint and reported incident, and evaluation corroborates the substance of the information contained in the complaint and reported incident; or (3) the consumer or person reporting or submitting the incident confirms the accuracy of the information. The Commission did not take any of these steps with regard to these certain consumer complaints and reported incidents responsive to your request. While it has been Commission practice since June 1983 to seek confirmation of incoming consumer complaints and incidents, the Commission does not have the resources to seek confirmation of the complaints and incidents where a consumer has not responded to our request for confirmation of the information.

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Processing this request, performing the file searches and preparing the information, cost the Commission \$150.00. In this instance, we have decided to waive all of the charges.

Sincerely,

Todd A. Stevenson

Enclosures

18 JAN 1996

EPIDEMIOLOGIC INVESTIGATION REPORT

1. CASE NO 951031CCC2142	2. INVESTIGATOR'S ID 8 1 5 6	3. OFFICE CODE 8 3 U
4. DATE OF ACCIDENT YR MO DAY 9 4 0 7 1 9	5. DATE INVESTIGATION INITIATED YR MO DAY 9 5 1 1 0 6	

6. SYNOPSIS OF ACCIDENT OR COMPLAINT: The 58 yr. old male victim was using an electric air compressor in his garage. While filling its tank with air, it exploded causing pieces of metal to fly around the garage. The victim was struck by metal fragments and sustained an open fx of his right fibula and multiple lacerations to his legs, arms and jaw which required hospitalization.

7. LOCATION (Home, school, etc.) Home (Garage)	8. CITY Davenport	9. STATE I A
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10A. FIRST PRODUCT Air Compressor	11A. TRADE/BRAND NAME, MODEL NUMBER, Mod# 84A100-22, Ser# 35867 MANUFACTURER & ADDRESS Sanborn Mfr'g Co; Box 129; Springfield, MN 56087
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10B. SECOND PRODUCT None	11B. TRADE/BRAND NAME, MODEL NUMBER, MANUFACTURER & ADDRESS N/A COLEMAN
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12. AGE OF VICTIM 0 5 8	13. SEX (Use numerical code) MALE -1 FEMALE -2 UNKNOWN -3 1	14. DISPOSITION Hospitalized 4	15. INJURY DIAGNOSIS Open Fx. 5 7
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16. BODY PART Right Fibula	17. RESPONDENT(S) (Mother, Friend) Attorneys Office	18. TYPE INVESTIGATION ON SITE 1 TELEPHONE 2 OTHER 3 3	19. TIME SPENT I-Travel 1 0 0
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20. ATTACHMENTS Photos, Manual, Despos., Etc.	21. CASE SOURCE FOI	22. REVIEWED BY 8/30	YR MO DAY 9:6 0:1 1:0
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23. PERMISSION TO DISCLOSE NAMES (NON-HESS CASES ONLY)	CPSC MAY DISCLOSE MY NAME <input type="checkbox"/>	CPSC MAY NOT DISCLOSE MY NAME <input checked="" type="checkbox"/>
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24. NARRATIVE (See Instructions on Other Side) SEE ATTACHED	25. REGIONAL OFFICE DIRECTOR REVIEW DATE
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MFR/PRYER NOTIFIED 12/17/95
 No Comments made
 Exclusions/Revisions
 Firm has not requested further notice
Rev...

MFR/PRYER NOTIFIED 1/25/97
 No Comments made
 Comments attached
 Exclusions/Revisions
 Firm has not requested further notice

ENTIRE REPORT NOT ON WEBSITE / RE NOTICE TO COLEMAN

REQUIRED

CG9680347
0823

NI 14 OCT 1986
EPDS

1. CASE NO. 860829CHI1258			2. INVESTIGATOR'S ID 8 1 3 4			3. OFFICE CODE 8 1 5			EPIDEMIOLOGIC INVESTIGATION REPORT								
4. DATE OF ACCIDENT YR MO DAY 8 6 0 7 1 2			5. DATE INVESTIGATION INITIATED YR MO DAY 8 6 0 9 1 5														
6. SYNOPSIS OF ACCIDENT OR COMPLAINT While using a portable air compressor on her patio to blow saw dust off some furniture she was sanding, a 45 year old woman suffered severe bruises on both legs when the air compressor tank exploded.																	
7. LOCATION (Home, school, etc.) backyard patio				8. CITY Lovilia				9. STATE Iowa									
10A. FIRST PRODUCT air compressor			0 8 2 3			11A. TRADE/BRAND NAME MANUFACTURER & ADDRESS Sanborn Manufacturing Co. 118 W. Rock St., Springfield, Minn. 56087											
10B. SECOND PRODUCT none			0 0 0 0			11B. TRADE/BRAND NAME MANUFACTURER & ADDRESS none											
12. AGE OF VICTIM 0 4 5		13. SEX (Use numerical code) MALE -1 FEMALE -2 UNKNOWN -3 2		14. DISPOSITION T & R			15. INJURY DIAGNOSIS contusions & abrasions			5 3							
16. BODY PART legs		3 6		17. RESPONDENT(S) (Mother, Friend) complainant			18. TYPE INVESTIGATION ON SITE 1 TELEPHONE 2 OTHER 3 1			19. TIME SPENT 1 6 0 tr.							
20. ATTACHMENTS photographs			1			21. CASE SOURCE complaint			0 7			22. REVIEWED BY 8 1 3 5			YR MO DAY 8 6 1 0 0 8		
23. PERMISSION TO DISCLOSE NAMES (NON-NRIS CASES ONLY) CPSC MAY DISCLOSE MY NAME <input checked="" type="checkbox"/> CPSC MAY NOT DISCLOSE MY NAME <input type="checkbox"/>																	
24. NARRATIVE (See Instructions on Other Side)						25. REGIONAL OFFICE DIRECTOR REVIEW Eric B. Bult <i>Acting Director</i> DATE 10/10/86											
<p>MFR/PRVLBR NOTIFIED <input checked="" type="checkbox"/></p> <p>No Comments made <input checked="" type="checkbox"/></p> <p>Comments attached <input type="checkbox"/></p> <p>Excisions/Revisions <input type="checkbox"/></p> <p>Firm has not requested further notice <input checked="" type="checkbox"/></p>																	
(USE OTHER SIDE AND ADDITIONAL SHEETS IF NECESSARY)																	

860829CHI1258

U.S. CONSUMER PRODUCT SAFETY COMMISSION

AUTHORIZATION FOR RELEASE OF NAME

Thank you for assisting us in collecting information on a potential product safety problem. The Consumer Product Safety Commission depends on concerned people to share product safety information with us. We maintain a record of this information, and use it to assist us in identifying and resolving product safety problems.

We routinely forward this information to manufacturers and private labelers to inform them of the involvement of their product in an accident situation. We also give the information to others requesting information about specific products. Manufacturers need the individual's name so that they can obtain additional information on the product or accident situation.

Would you please indicate on the bottom of this page whether you will allow us to disclose your name. If you request that your name remain confidential, we will of course, honor that request. After you have indicated your preference, please sign your name and date the document on the lines provided.

You are hereby authorized to disclose my name and address with the information collected on this case.

My identity is to remain confidential.

Judy Doe
(Signature)

9-22-86
(Date)

RR 1, LOVILIA, IOWA 50150 TELEPHONE 515/946-7919

860829CHI1258

The information in this report is from the complainant.

SYNOPSIS:

While using a portable air compressor on her patio to blow saw dust off some furniture she was sanding, a 45 year old woman suffered severe bruises on both legs when the air compressor tank exploded.

PRE-ACCIDENT:

The accident victim is a 45 year old woman. She is not either physically or mentally handicapped or incapacitated and was not under the influence of drugs or alcohol at the time of the accident. Neither the complainant or anyone in her family has ever been an employee of the air compressor manufacturer or had any previous dealings with that company.

The complainant and her husband purchased the air compressor second hand from a private party through an ad in the local newspaper. They did not know the person they bought the air compressor from. The person they bought it from told them he had used it for house painting. He did not mention any repairs to it or any problems he might have had with it. The complainant and her husband purchased it about 2 1/2 to 3 years ago.

The complainant's husband used the air compressor for general farm work, such as blowing up the tires on the combine. He never had any problems with it and never had it repaired. When not in use the air compressor was generally stored in their garage. Prior to this accident the complainant had never used the air compressor.

At the time of this accident the air compressor was being used on a concrete patio just outside the sliding door leading to the kitchen. It was plugged into an electric receptacle outlet in the kitchen, the air compressor's power cord coming through the open patio door. The air compressor's power cord was plugged directly into the wall outlet without an extension cord. The wall outlet is a normal household outlet on a regular household 120 volt branch circuit. The complainant has never had any problems with her electric service or household wiring. She is unaware of any power surges, or circuit breakers tripping for no apparent reason, or lights flickering for no apparent reason.

The complainant describes the weather on the day of the accident as being clear, with a temperature of about 85 F and high humidity.

ACCIDENT:

The accident happened at approximately 1:20 pm on July 12, 1986.

At the time of the accident the complainant was wearing shorts and her legs were bare from the bottom of the shorts to her shoes, which were thong style.

The Thursday before the accident the complainant had purchased some second hand furniture. On the day of the accident she was sanding the furniture preparatory to re-conditioning it. The sanding was producing a lot of wood dust. The complainant's son suggested that they use the air compressor to blow the wood dust off the furniture. They got the air compressor, set it up on the patio, and plugged it in the kitchen outlet. At the time of the accident the complainant was on the patio sanding a China closet, and her son was on the patio sanding a table.

The air compressor was on approximately 10 to 15 minutes before the explosion. The complainant does not remember hearing the compressor shut off during that time. She does not remember hearing any unusual noises from the air compressor before the explosion. She did not see any smoke or fire from the air compressor before the explosion.

Just before the explosion the complainant's son used the air compressor hose to blow wood dust off the table he was working on. The complainant left the China closet and walked over to the table. She lowered the drop leaf on the table. She was closer to the air compressor than her son and was partly shielded from the air compressor by the drop leaf on the table. There was a sudden explosion which knocked the complainant backwards about four or five steps toward the house. Her son, who was a little farther from the air compressor, was also pushed back in the explosion but was not injured. Most of the force of the exploding tank was in the opposite direction from them.

POST-ACCIDENT:

The complainant remembers immediately after the accident standing there holding her head. Both legs were black with bruises and there was blood on her right leg from small blood vessel-breaks under the skin. Also, she was not hearing things normally.

The complainant started to walk into the yard and fell down. Her kids came over and helped her back into the house. In the house her legs were hurting. She took a bath. She then went to the

hospital. On the way to the hospital she felt dizzy.

The victim was examined and treated at the hospital as an out-patient. No medications were prescribed.

Approximately 2 1/2 months after the accident the victim's legs still feel sore.

PRODUCT IDENTIFICATION AND NOTIFICATION OF MANUFACTURER:

Photographs of the remains of the air compressor are attached to this report.

The name plate on the air compressor is labeled

"MODEL 44A 75-15 SERIAL 26325
TANK 15 GAL MAX. PRESSURE 125 lbs.
MOTOR-H.P. 3/4 MOTOR R.P.M. 1752
COMPRESSOR-C.F.M.4.4
COMPRESSOR R.P.M 875
SWITCH SETTING 100-125
SANBORN MFG. CO
SMC SPRING SMC MINNESOTA"

The name plate on the air compressor motor is labeled:

"SANBORN MANUFACTURING CO.
MODEL 44 SERIAL 1977
SPRINGFIELD, MINNESOTA"

The name plate on the air compressor motor is labeled in part:

"AC MOTOR
S # 317P102 SER DA77
HP 3/4***
R.P.M. 1725***
V II5
A-9.0
HZ 60***
THERMALLY PROTECTED***"

The air compressor has a dial type pressure gauge with markings from 0 to 200. It has a rotary dial type pressure control. Beneath the pressure control dial is a pressure relief safety valve. This valve is still in place with no outward sign of damage.

The exploded tank on the air compressor measures 27 inches in length and 12 inches in diameter. The tank is made of 1/16 inch

thick metal.

It looks like the tank rupture began toward the bottom of the tank and tore the tank wall up and out in the direction opposite the air hose and gauges. The torn tank wall edge is sharp. The inside tank wall is heavily corroded, however the corrosion does not penetrate the wall very deeply and has not eaten through the wall. The complainant said this corrosion post-dates the explosion as the air compressor has been left outside since the explosion and that at the time of the explosion the inside wall was clean. In the force of the explosion, a wheel end cap from the air compressor was thrown through the air 18 to 20 feet, struck a wooden garage door, and broke a hole through the garage door.

I did not attempt to disassemble the safety valve or other parts.

The complainant does not have an owner's manual for the air compressor.

Following the explosion the complainant telephoned Sanborn Manufacturing Company and told them about the explosion. They offered to send her a new compressor in exchange for the old one. Following this conversation she changed her mind and decided she did not want to give up the remains of the air compressor. Sanborn Manufacturing Company shipped her a new air compressor under a delivery ticket issued by Sanborn Manufacturing Company marked PRO # 3009334-3 and dated 7-22-86. The delivery man told her he had no instructions about picking up the old air compressor. After the delivery man left she found a note typed on the delivery papers which said that acceptance of the new air compressor constituted settlement of all claims. She said she had never agreed to this and was unaware that this note was there when she accepted delivery. She said she then called Sanborn Manufacturing Company and told them she did not agree to their settlement and to come and take back their new air compressor. She said they told her to disregard that note and keep the new air compressor. Currently the complainant still has the exploded air compressor. She has held a preliminary discussion with an attorney but to date has not filed suit for recovery of damages.

ATTACHMENTS:

Photographs

CONSUMER PRODUCT INCIDENT REPORT

1. Name of Respondent Mrs. Judy Noe		2. Telephone No. (Home) (Work) 515-946-7919	
3. Street Address RR 1		4. City, State, Zip Code Lovilia, Iowa 50150	
5. Give details of accident, injury, or illness. Describe how incident occurred. (Use reverse side if necessary.) <p>Consumer called to report an explosion of an air compressor while it was running on the cement patio next to her home. She was standing about a foot away from the unit refinishing a table when the accident occurred. The main force of the blast was apparently directed away from her, with a piece from one of the wheels being driven through a wooden garage door more than 20 feet away. Her lower legs turned black as though they had been burned, and she has been under a physician's care since the accident. Her husband contacted the mfr. and learned that the compressor was nine years old. They bought it used about two years ago. The mfr. sent out a new compressor and wants the old one back. The consumer has consulted an attorney and has not returned the failed unit. She said her husband has bled the tank periodically since they had the compressor, but did not know whether the previous owner had ever done so. They did not receive an owner's manual with the compressor. The consumer was not aware of any recall program regarding these compressors.</p>			
6. If injury or illness: Victim's Name <u>Judy</u> Relationship <u>self</u> Age <u> </u> Sex <u>F</u> Date <u>7/12/86</u> Type Injury <u>Hematoma</u> Body Part Involved <u>legs</u> Treatment <u>hosp. & physician's office</u>			
7. Description of Product electric motor powered air compressor with attached tank, about 12 gallon.		8. Was the product: Damaged before incident? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Repaired before incident? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Repaired after incident? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
9. Brand Name SANBORN		10. Identifying Numbers, Letters, etc. Model 44A7515	
11. Manufacturer's Name and Address Sanborn Manufacturing Company 118 W. Rock Street Springfield, Minnesota 56087		12. Dealer's Name and Address purchased used from a private individual	
13. How product acquired? Purchased New <input type="checkbox"/> Second Hand <input checked="" type="checkbox"/> Other <u> </u>			14. Age of Product none years
15. Is product available for inspection? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Other <u> </u>		16. Does product have warning labels or instructions? Are they available? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
17. Have you contacted the manufacturer? If not, do you plan to contact them? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>		18. Do you object to the use of your name? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
FOR ADMINISTRATIVE USE ONLY			
19. Receiving Office MIN-RP	20. Date Received 8/22/86	21. Received by DDD	22. Reporting Office MWRO
23. Source of Report Letter <input type="checkbox"/> Phone <input checked="" type="checkbox"/> Visit <input type="checkbox"/> Other <u> </u>			24. Document No. 668 0347
25. Follow-Up Action Conduct IDI# 860829CHI1258			26. Product Code(s) A. 0823 B. <u> </u>
28. Distribution MWRO, EPDS, File, CAAA L. Hernandez			29. Endorser's Name/Title James A. Melnick Acting Director

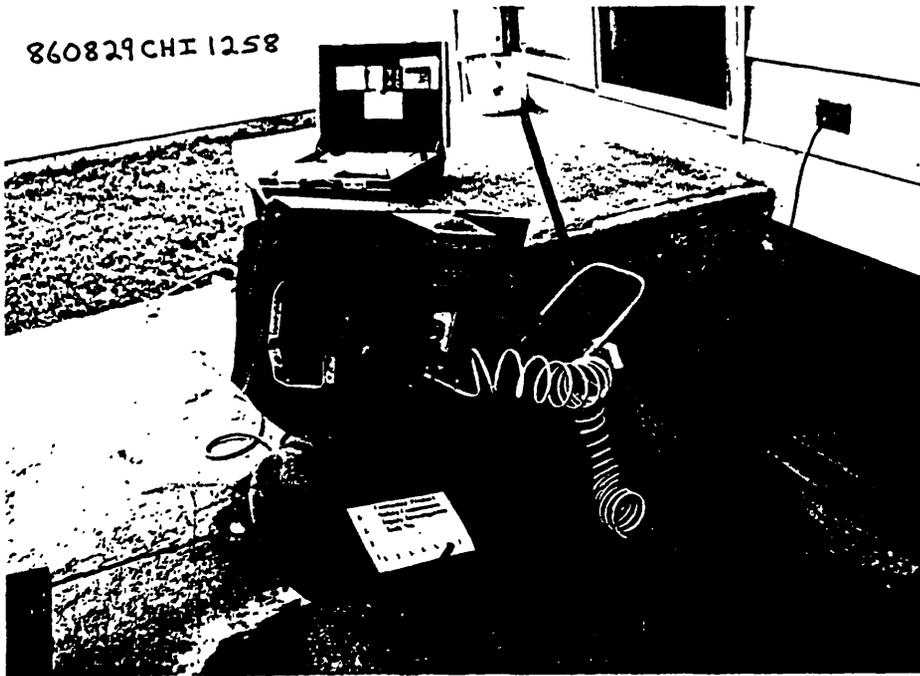
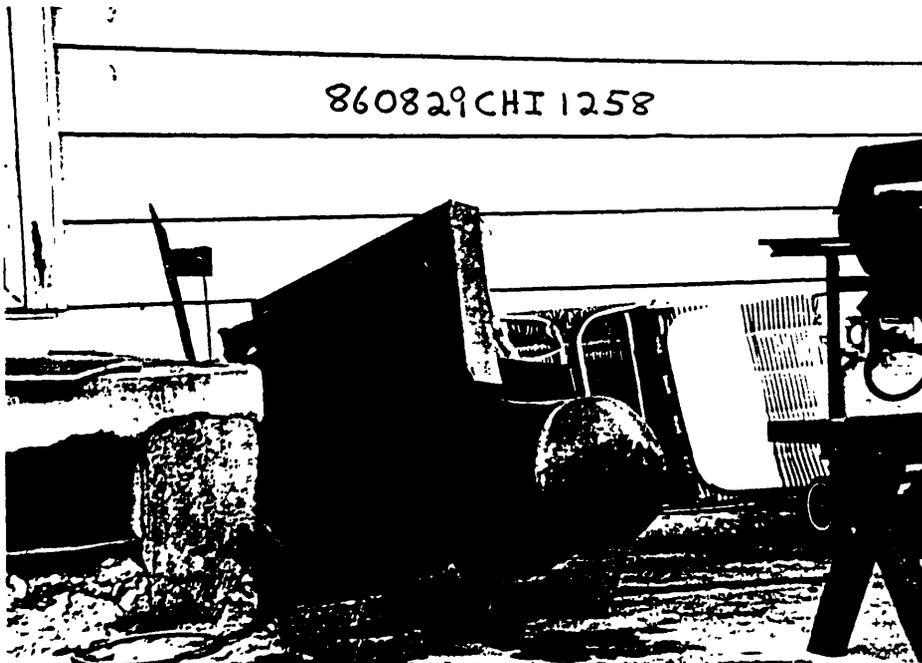


Photo 1 (above) and 2 (below): The complainant's air compressor.



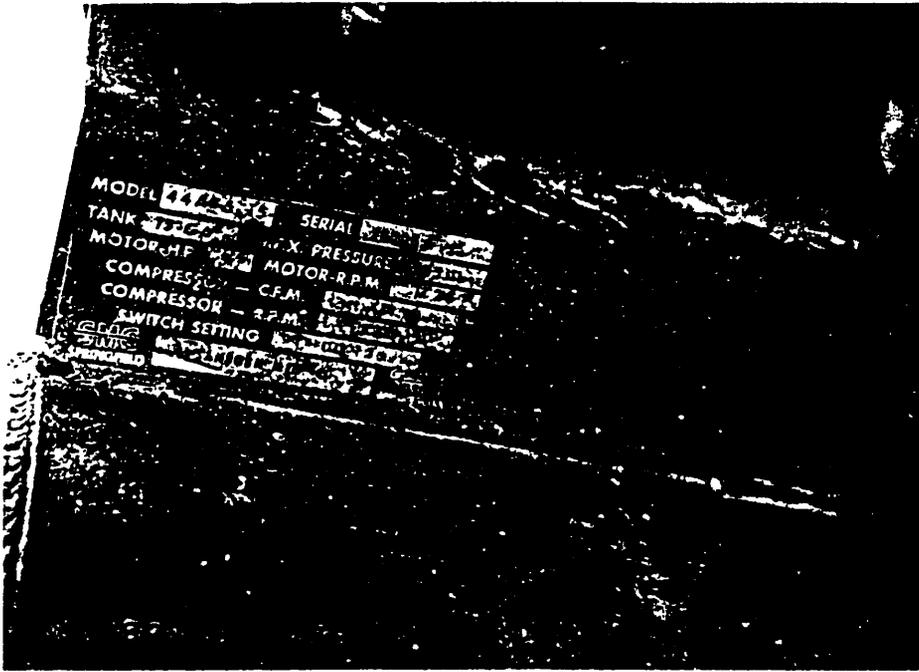


Photo 3 (above): The name plate on the air compressor.

Photo 4 (below): The name plate on the air compressor's pump.



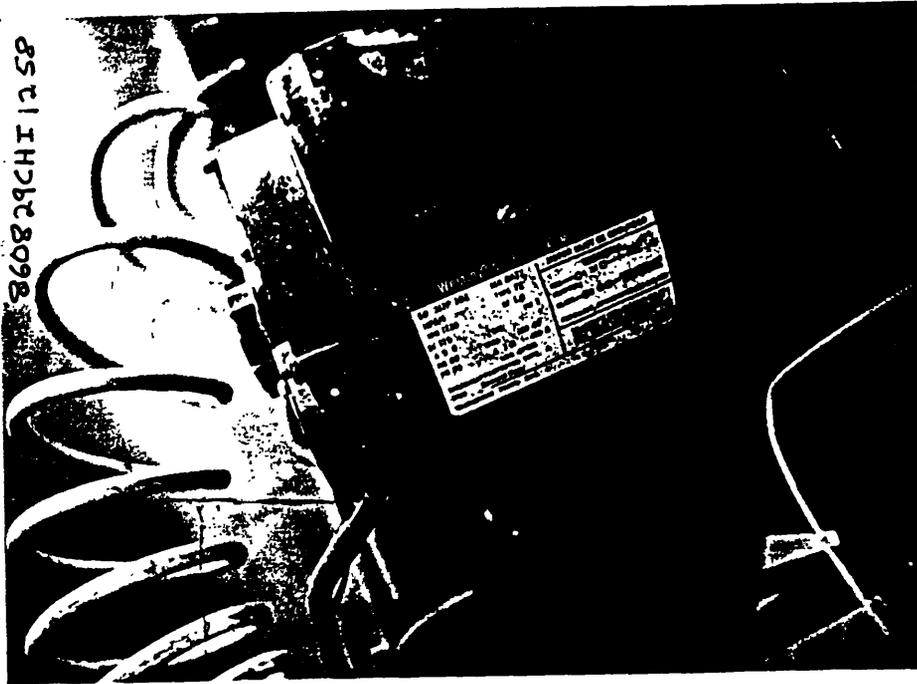
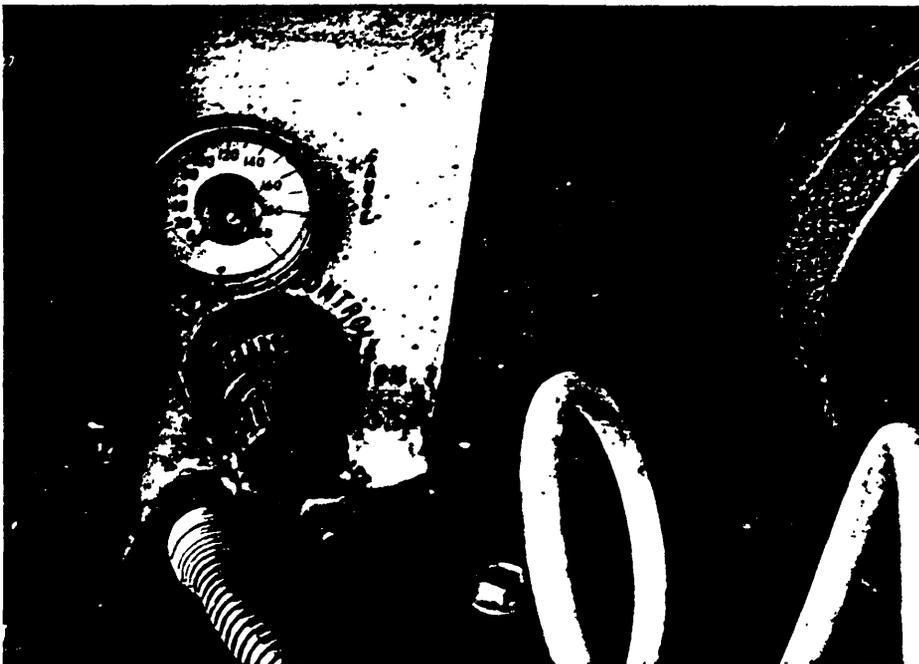


Photo 5 (above): The name plate on the air compressor's motor.

Photo 6 (below): The air compressor's pressure gauge, pressure control dial, and safety relief valve.



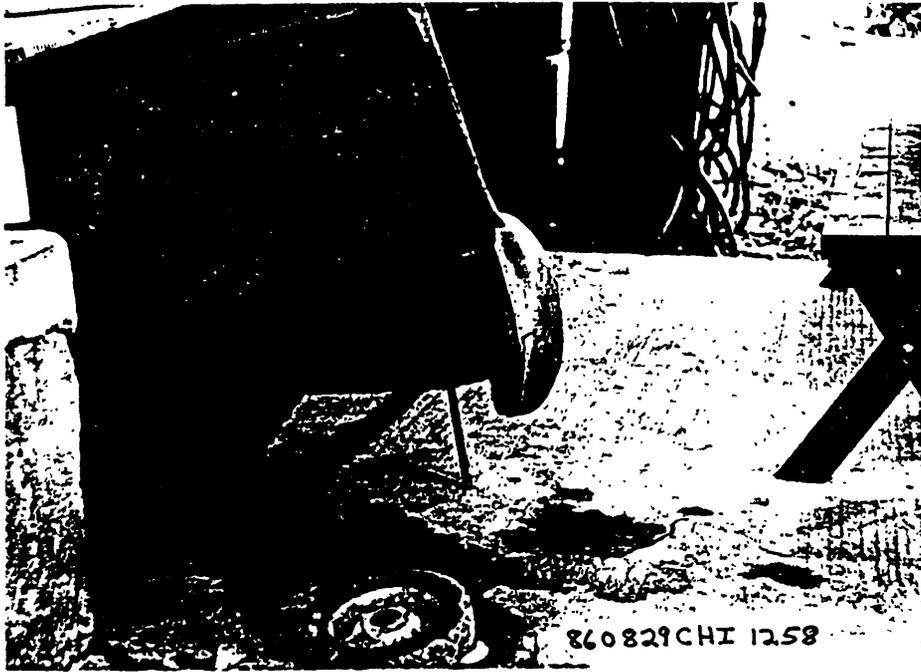


Photo 7 (above): The inside of the air compressor tank.
Photo 8 (below): The ripped edge of the tank.



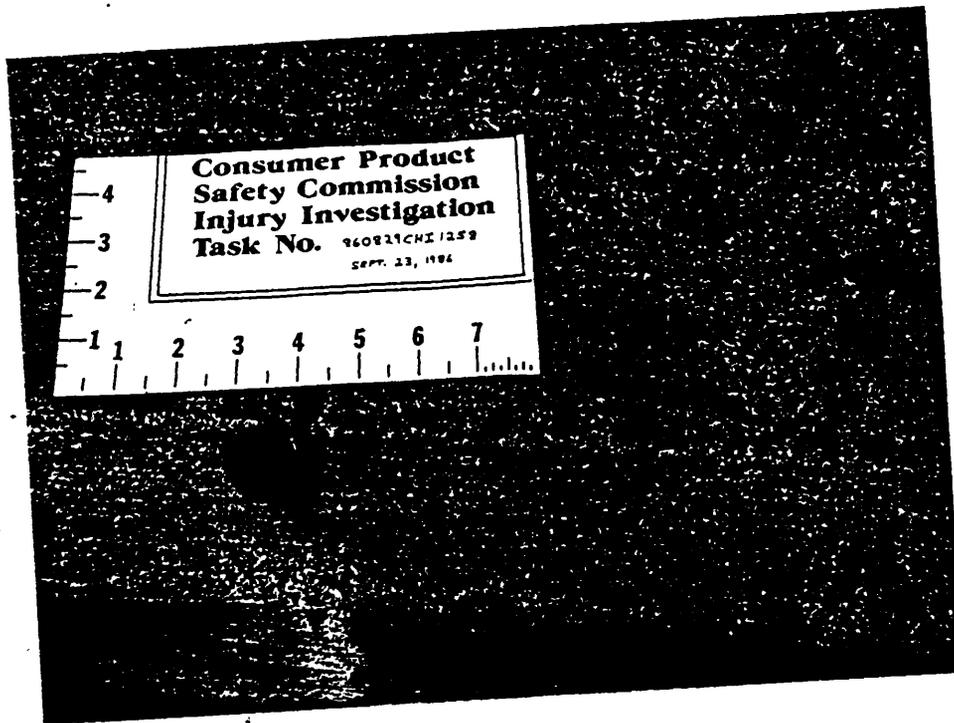


Photo 9 (above) and 10 (below): This wheel end cap shown above was thrown by the explosion a distance of 18 to 20 feet, struck the garage door shown, and made the hole in the middle of the door.



Photo 11: The end of the air compressor's air hose.



EPDS

CONSUMER PRODUCT INCIDENT REPORT

4 SEP 1986

1. Name of Respondent Mrs. Judy Noe	2. Telephone No. (Home) 515-946-7919	(Work)
3. Street Address RR 1	4. City, State, Zip Code Lovilia, Iowa 50150	

5. Give details of accident, injury, or illness. Describe how incident occurred. (Use reverse side if necessary.)

Consumer called to report an explosion of an air compressor while it was running on the cement patio next to her home. She was standing about a foot away from the unit refinishing a table when the accident occurred. The main force of the blast was apparently directed away from her, with a piece from one of the wheels being driven through a wooden garage door more than 20 feet away. Her lower legs turned black as though they had been burned, and she has been under a physician's care since the accident. Her husband contacted the mfr. and learned that the compressor was nine years old. They bought it used about two years ago. The mfr. sent out a new compressor and wants the old one back. The consumer has consulted an attorney and has not returned the failed unit. She said her husband has bled the tank periodically since they had the compressor, but did not know whether the previous owner had ever done so. They did not receive an owner's manual with the compressor. The consumer was not aware of any recall program regarding these compressors.

6. If injury or illness: Victim's Name Judy Relationship self

Age Sex F Date 7/12/86 Type Injury Hematoma

Body Part Involved legs Treatment hosp. & physician's office

7. Description of Product electric motor powered air compressor with attached tank, about 12 gallon.	8. Was the product: Damaged before incident? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Repaired before incident? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Repaired after incident? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
--	--

9. Brand Name SANBORN	10. Identifying Numbers, Letters, etc. Model 44A7515
---------------------------------	--

11. Manufacturer's Name and Address Sanborn Manufacturing Company 118 W. Rock Street Springfield, Minnesota 56087	12. Dealer's Name and Address purchased used from a private individual
---	--

13. How product acquired? Purchased New <input type="checkbox"/> Second Hand <input checked="" type="checkbox"/> Other <u> </u>	14. Age of Product none years
---	---

15. Is product available for inspection? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Other <u> </u>	16. Does product have warning labels or instructions? Are they available? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
--	--

17. Have you contacted the manufacturer? If not, do you plan to contact them? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	18. Do you object to the use of your name? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
--	---

FOR ADMINISTRATIVE USE ONLY

19. Receiving Office MIN-RP	20. Date Received 8/22/86	21. Received by DDD	22. Reporting Office MWRO
---------------------------------------	-------------------------------------	-------------------------------	-------------------------------------

23. Source of Report Letter <input type="checkbox"/> Phone <input checked="" type="checkbox"/> Visit <input type="checkbox"/> Other <u> </u>	24. Document No. G68 0347
--	-------------------------------------

25. Follow Up Action Conduct IDI# 860829 CHI 1258 EPDS	26. Product Code(s) A. 0823 B. <u> </u>
--	---

27. SEP 03 1986

28. Distribution MWRO, EPDS, File, CAAA	29. Endorser's Name/Title James A. Mellich Acting Director
---	--

If you have any changes, additions, or comments you wish to make concerning your attached report, please make them in the space below.

My legs from my knees down was black from soot like substance, they also had a burning feeling. I also had a big bump on my right leg next to my shin bone the skin was also broken, it was also peppered with pieces of cement. My physician said I had a light concussion from the blast, so I was light headed, dizzy and felt sick to my stomach. 3 days later my right leg started to hurt real bad in the calf area. My doctor told me I had phlebitis the starting of a blood clot. To keep from getting a blood clot I took cumadin and anti inflammatory drug. I am still taking this medication. I also was flat on my back at home for 3-4 wks. I still am doctoring as my leg still bothers me. I have to go to the hospital regularly for blood tests because of the medication.

I confirm that the information in the attached report (including any changes, additions, or comments I have made) is accurate to the best of my knowledge and belief.

RECEIVED

'86 OCT -6 P1:31

NAT'L INJURY & CLEARINGHOUSE
GPSC

Signature

Judy Doe

Date

9-26-86

Do not release my name.

You may release my name to the manufacturer but not to the general public.

You may release my name to the manufacturer and to the public.

G 680347/0823
SEP 1986

EPDS

EPIDEMIOLOGIC INVESTIGATION REPORT

1. CASE NO. 850326CHI0649	2. INVESTIGATOR'S ID 8 7 9 7	3. OFFICE CODE 8 1 5
4. DATE OF ACCIDENT YR MO DAY 8 5 0 2 1 9	5. DATE INVESTIGATION INITIATED YR MO DAY 8 5 0 3 2 8	

6. SYNOPSIS OF ACCIDENT OR COMPLAINT A six year old air compressor used to pressurize water lines on a ranch exploded and damaged a house but caused no personal injury. The unit was pre-set to turn off when the air pressure in the air tank reached a level of 40psi and had a maximum rating of 135 psi. The owner feels that the regulator switch failed and over-pressurized the tank causing it to rupture. The respondent was aware of a factory modification program but did not take advantage of it prior to the accident.

7. LOCATION (Home, school, etc.) Home	8. CITY 1 0 Ainsworth	9. STATE Nebrasks 3 1
--	--------------------------	--------------------------

10A. FIRST PRODUCT Air Compressor	11A. TRADE/BRAND NAME MANUFACTURER & ADDRESS Sanborn Manufacturing Company
--------------------------------------	---

10B. SECOND PRODUCT None	11B. TRADE/BRAND NAME MANUFACTURER & ADDRESS
-----------------------------	--

12. AGE OF VICTIM 9 9 9	13. SEX (Use numerical code) MALE - 1 FEMALE - 2 UNKNOWN - 3 9	14. DISPOSITION No Injury 9	15. INJURY DIAGNOSIS No Injury 7 1
----------------------------	--	--------------------------------	---------------------------------------

16. BODY PART No Injury 9 9	17. RESPONDENT(S) (Mother, Friend) Homeowner 1	18. TYPE INVESTIGATION ON SITE 1 TELEPHONE 2 OTHER 3 2	19. TIME SPENT 3 0
--------------------------------	---	--	-----------------------

20. ATTACHMENTS None 0	21. CASE SOURCE Newspaper 0 5	22. REVIEWED BY 8 3 1 1	YR MO DAY 8 5 0 5 2 9
---------------------------	----------------------------------	----------------------------	--------------------------

23. PERMISSION TO DISCLOSE NAMES
 Verbal
 (NON-NEISS CASES ONLY) CPSC MAY DISCLOSE MY NAME CPSC MAY NOT DISCLOSE MY NAME

24. NARRATIVE (See Instructions on Other Side)
Attached

MFR/PEW/LBR NOTIFIED

No comments made

Comments attached

Excisions/Revisions

Form has not requested further notice

12/23/85 VT

9/16/86 R

(USE OTHER SIDE AND ADDITIONAL SHEETS IF NECESSARY)

850326CHI0649

SUMMARY

This investigation was prompted by a newspaper article telling of an air compressor explosion which damaged a home. No injuries were reported. The respondent was contacted in order to gain further information.

The respondent reports that the six year-old compressor was used to keep water lines pressurized on his ranch. For this purpose, the pressure relief valve was set at 40 lbs. per square inch which is reportedly well below the unit's 135 lbs. per square inch rating. On the morning of the incident, the respondent reports that the compressor's air tank was drained of condensate and the motor was then started. The respondent and his brother were in their kitchen eating breakfast when the air tank on the compressor reportedly ruptured and blew two windows out of the home. There were no injuries and a dollar estimate of the damages to the home has not yet been arrived at.

The compressor in question is reported to have been manufactured by Sanborn Manufacturing Co. of Springfield, Minnesota. The respondent did not know the model number of the electric air compressor, but reports that the unit had a twin cylinder compressor and was a "larger model". The unit was reportedly well maintained with the air tank being drained of condensate on a regular basis. According to the respondent, the compressor had not been abused in any way and had not posed any operating problems during its six year life. The respondent reports that he feels the incident occurred due to the failure of the limit switch on the tank. As a result, the respondent reports that pressure in excess of what the tank was built to handle built up inside the air tank and caused it to rupture.

The respondent reports that the compressor dealer had informed him some months ago, while he was at the dealership, that Sanborn compressors were under a factory modification program. The respondent could not recall how deep the dealer went into detail when explaining the program. In any case, the respondent opted not to bring the unit to the dealer for modification due to the distances involved and due to the fact that the unit had given him no problems. The day prior to the beginning of this investigation, the respondent shipped the damaged compressor to Sanborn at their Minnesota location. Therefore, the unit is not currently available for CPSC examination.

ATTACHMENTS

The news article.

G53 0252

850326CHIOE49



Star-Journal
Ainsworth, NE
Cir. 3,047

FEB 20 1985

UNIVERSAL Press Clipping Bureau

Compressor exploded during breakfast

Del and Benny Einspahr were interrupted during breakfast on Tuesday morning. An air compressor that they use to put pressure in their water lines blew up.

The eight year old compressor was set on 40 lbs. which, according to Del, is what they need for the water lines. About 10:00 a.m. the compressor exploded, blowing the tank apart at the seams, knocking the legs off it and putting a wheel through a divider wall in the house. Two windows were also knocked out of the house.

Neither of the Einspahrs were in the room, so they weren't hurt. Del figures that the safety shut-off didn't work and the compressor kept building pressure until it exploded.

The Einspahr brothers ranch 36 miles south of Ainsworth.

Was this a Sanford?

SEP 22 1981

1 CASE NO. 810824HIA2539		2 INVESTIGATOR'S ID 8 3 2 8		3 OFFICE CODE 8 3 5		EPIDEMIOLOGIC INVESTIGATION REPORT
4 DATE OF ACCIDENT TR MO DAY 7 9 1 2 1 8		5 DATE INVESTIGATION INITIATED TR MO DAY 8 1 0 9 1 0				

7 Synopsis of Accident or Complaint A 36-yr. old female suffered compound fractures to her lower left leg when an air compressor, being used by her husband, exploded about 18" away from her. The victim was standing in the bed of a pick-up truck next to the compressor while it was running.

X
 9/16/80
 12/23/85
 [Signature]

7 LOCATION (Home, school, etc.) Home		8 CITY Edina		9 STATE MO	
10 FIRST PRODUCT Air Compressor		11 TRADE BRAND NAME MANUFACTURER & ADDRESS SANBORN Sanborn Mfg. Co. Springfield, MN			
SECOND PRODUCT None		TRADE/BRAND NAME MANUFACTURER & ADDRESS			

12 AGE OF VICTIM 0 3 6	13 SEX (Use numerical code) MALE .1 FEMALE .2 UNKNOWN .3 2	14 DISPOSITION Hospitalized	15 INJURY DIAGNOSIS 4 Compound Fractures 5 7
---------------------------	--	--------------------------------	--

16 BODY PART Lower Leg	17 RESPONDENT(S) (MOTHER, FRIEND) 3 6 Attorney/Victim	18 TYPE INVESTIGATION ON SITE TELEPHONE OTHER 1 2 2	19 TIME SPENT 0 0 2
---------------------------	--	---	------------------------

20 ATTACHMENTS 0	21 CASE SOURCE 5	22 REVIEWED BY 8 1 5 8	TR MO DAY 8 1 0 9 1 7
---------------------	---------------------	---------------------------	--------------------------

23 NARRATIVE (See Instructions on Other Side)

PRE-ACCIDENT: The victim's husband was working on a truck in his yard and was using the air compressor for a power wrench. The compressor was in the bed of another pick-up that was backed close to the truck being worked on. The husband had been working on the truck for over two hours. He had used this compressor for seven years, since he purchased it new from a nearby dealer. It was owned by the victim's husband and a neighbor. Both used it frequently without any problems. The victim and family live on a farm. She is normal and healthy and took no medication prior to the accident. She was in the house doing chores when her husband came to her and asked her to come out into the yard to help him remove the head from a motor.

ACCIDENT: The victim went into the yard and climbed into the bed of the pick-up truck so she could reach over the truck motor. She was about 18" from the compressor in the pick-up bed and had just reached for the other motor when the compressor exploded and knocked her to the ground. The compressor had been running but no one was touching it at the the time of the accident.

POST ACCIDENT: The victim was taken to the hospital by her husband where she was treated and admitted for multi-fractures of the lower left leg. Since the accident she has been in several other hospitals and is still experiencing problems with her

(USE OTHER SIDE AND ADDITIONAL SHEETS IF NECESSARY)

leg. She is still under the doctor's care and is unable to return to work. The compressor is being held by an attorney for future legal action.

PRODUCT INFORMATION: The product is a 22 gal. air compressor manufactured by the Sanborn Mfg. Co., Springfield, MN. The model #84A-100-22 and has a serial #101072. It was purchased new about seven yrs. ago from a local unknown dealer. It is owned by the victim's husband and a neighbor. They both use it frequently and have on occasion lent it to other people. This is the first time they have had any problems with it and there have been no repairs made on it in the seven yrs. The victim states that the compressor tank appeared to be in good condition but the safety valve's spring was probably stuck.

INSTRUCTIONS FOR NARRATIVE

Use the following "outline" in reconstructing the accident sequence and in describing the condition associated with the accident or injury. Include in your narrative as many factors as possible relating to the victim's activities, accident, injury and product(s). Use Supplemental Investigation guide if appropriate. Be sure to enclose photos and diagrams as per instructions to enhance your report.

PRE-ACCIDENT: Activities of victim prior to accident; unusually tired or fatigued; physical condition (consider: acutely ill, chronically ill, handicapped or disabled, under influence of drugs or alcohol); upset for any reason; awareness that this activity might be dangerous; any safety precautions taken to prevent such an accident; familiarity with proper operation of product; level of experience with product; performed this specific activity before; immediate environment and related factors (atmospheric conditions; obstacles; wet; uneven; rough or slippery surface).

ACCIDENT: Exact activity of victim at time of injury; any distractions or unusual circumstances; in a hurry; relative position of product and part of body injured; type of energy transfer that caused injury (mechanical, electrical, thermal, radiation, chemical); source of energy involved (product, victim, outside source); safety measures/devices being followed or used.

POST-ACCIDENT: Actions of victim, or bystanders, injury treatment; severity of injury; any permanent impairment (nerve damage, stiff joints, loss of sight, etc.); action taken to prevent reoccurrence; principal dimensions of product involved; physical condition of product after accident.

PRODUCT IDENTIFICATION: Who manufactured the product; where; of what material was the product constructed; any caution instructions, age recommendations; describe any controls on product, such as on/off mechanism; describe any safety device(s) on or included with product, describe general condition of product, broken parts, sharp edges, small removable parts; has the product been repaired, where, when, how; were any parts removed or replaced; was the product assembled when purchased; was the product purchased or rented; where, when; if the product is electrical was it plugged in at the time of accident, was it grounded and/or double insulated; describe the length of cord and its condition; etc.

Attachments: Discuss exactly what is attached, what does each attachment consist of (i.e., 12"x12" piece of fabric, etc.), and any record or material identification (i.e. fire department report #xxxx). Also list the sample number for any sample collected.

X181018
repts to OS/FOI

AI
OS 23

LAW OFFICES
ELY, CARY & WELCH
HANNIBAL NATIONAL BANK BUILDING
1188 BROADWAY - P.O. BOX 710
HANNIBAL, MISSOURI 63401

BEN ELY
JAMES E. CARY
JOSEPH D. WELCH

TELEPHONE
AREA CODE 314
221-0080

August 5, 1981

U. S. Consumer Products Safety Div.
Washington D.C. 20530

Re: Hazardous Products Index

To Whom It May Concern:

I represent a woman who was injured when a Sanborn air compressor exploded while she was standing next to it. I would appreciate your sending a copy of your Hazardous Products Index, as well as any statistical information or incidence of compressor explosion manufactured by Sanborn Manufacturing Company or any other manufacturer. Thank you very much.

Cordially,

ELY, CARY & WELCH

By

Joseph D. Welch

Joseph D. Welch

JDW:law

cc: Director of Office of Consumer Services
Consumer Information Specialist

AUG 20 1981

81-252-HA 2539

RECEIVED
AUG 19 10 55 AM '81
CPSC-BEP INFO
NATL INJURY INFO
CLHSE

31 AUG 7 P 2: 16

RECEIVED
U.S. CONSUMER PRODUCTS SAFETY DIV.
WASHINGTON, D.C. 20530

INSPECTION-~~INVESTIGATION~~ COVERSHEET

Date Typed: 09/14/81

Typed By: DR

1. AREA OFFICE KAN-RO		2. OPERATION Insp. _____ Inv. <u>X</u>		3. DATE 09/10/81		4. REPORT NO.	
5. ESTABLISHMENT NAME 810824HIA2539					6. FIRM IDENTIFICATION NO.		
7. ESTABLISHMENT ADDRESS				8. RELATED FIRMS			
9. PRODUCTS INSPECTED Air Compressor				10. OTHER REGULATED PRODUCTS			
11. ESTAB. TYPE		12. ANN. SALES	a. PRODUCTS INSPECTED \$ _____ Units _____		b. OTHER REG. PRODS. \$ _____ Units _____		c. TOTAL (Inc. non-reg.) \$ _____
13. I.S. BUSINESS Rec. _____ % Sold _____ %			14. SAMPLES COLLECTED		15. PROJECT		16. HOURS 2
17. REASON FOR INSPECT./INVEST.-DOC. REF. Request From HIA							
18. EMPLOYEE'S NAME Earl G. Strauther			19. TITLE Resident Investigator			20. SIGNATURE <i>Earl G. Strauther</i>	
21. ENDORSEMENT <i>Findings: Compressor exploded injured 36 year old female. Under legal action at this time. PSI rating on compressor or the length time usage is unknown. Follow-up: No planned by KAN RO</i>							
22. ENDORSER'S NAME Robert B. Wadsworth, Jr.			23. TITLE Supervisory Investigator			24. SIGNATURE <i>Robert B. Wadsworth, Jr.</i>	
25. ENDORSEMENT DATE 9/17/81			26. DISTRIBUTION HIA				

AUG 11 1983

1. CASE NO. 930625CCN1914			2. INVESTIGATOR'S ID 8 9 1 7			3. OFFICE CODE 8 3 0			EPIDEMIOLOGIC INVESTIGATION REPORT		
4. DATE OF ACCIDENT YR MO DAY 9 3 0 4 0 8			5. DATE INVESTIGATION INITIATED YR MO DAY 9 3 0 7 2 1								
6. SYNOPSIS OF ACCIDENT OR COMPLAINT A 47 year-old male sustained several bruises and advanced hearing impairment when his 2 HP air compressor exploded which threw him approximately 10-15 feet away from where he was standing.											
7. LOCATION (Home, school, etc.) Garage 1 2											
8. CITY Swayzee				9. STATE Indiana I N							
10A. FIRST PRODUCT Air Compressor 0 8 2 3				11A. TRADE/BRAND NAME, MODEL NUMBER, MANUFACTURER & ADDRESS Sandborn Mfg. Co. Springfield, Mn. Md1 104200-22							
10B. SECOND PRODUCT None 0 0 0 0				11B. TRADE/BRAND NAME, MODEL NUMBER, MANUFACTURER & ADDRESS NA							
12. AGE OF VICTIM 0 4 7			13. SEX (Use numerical code) MALE .1 FEMALE .2 UNKNOWN .3 1			14. DISPOSITION Examined Not Treated 1			15. INJURY DIAGNOSIS Abrasions 5 B		
16. BODY PART Upper Trunk 3 1			17. RESPONDENT(S) (Mother, Friend) Victim 1			18. TYPE INVESTIGATION ON SITE 1 TELEPHONE 2 1 OTHER 3			19. TIME SPENT 8 0		
20. ATTACHMENTS Photos 1			21. CASE SOURCE Complaint 0 7			22. REVIEWED BY 8 1 3 0			YR MO DAY 9 3 0 8 0 5		
23. PERMISSION TO DISCLOSE NAMES (NON-HESS CASES ONLY) CPSC MAY DISCLOSE MY NAME <input checked="" type="checkbox"/> CPSC MAY NOT DISCLOSE MY NAME <input type="checkbox"/>											
24. NARRATIVE (See instructions on Other Side)						25. REGIONAL OFFICE DIRECTOR REVIEW DATE					
<p>MFR/PPVLD/NOTIFIED</p> <p><input checked="" type="checkbox"/> No comments made</p> <p><input type="checkbox"/> Comments attached</p> <p><input type="checkbox"/> Excisions/Revisions</p> <p><input checked="" type="checkbox"/> Firm has not requested further notice 11/8/94 RTP</p>											

(USE OTHER SIDE AND ADDITIONAL SHEETS IF NECESSARY)

930625CCN1914

Summary:

This investigation revealed that a 47 year-old male was blown approximately 10-12 feet when his air compressor blew up on April 8, 1993.

Pre-Accident:

The respondent, the victim, stated that he was 47 years old at the time of this accident. He stated that he is disabled as he has vertigo and was on medication at the time of this accident. The respondent stated that he purchased his air compressor new on or about May or June 1979. He stated that he has had no problems with the air compressor prior to this accident and that there had been no modifications made to the unit. The respondent stated that he uses the compressor on a regular basis, i.e. once or twice a week. He went on to say that he does not leave the compressor on when it is not in use.

Accident:

The respondent stated that he was in his garage working approximately 10-15 feet away from where he had his air compressor. He stated that the air compressor had cycled twice, recharged the air supply, and shut down as normal. He stated that the compressor cycled again and shut down as normal so he thought that he would check the moisture in the tank and as he got up to go over to the compressor it exploded throwing the respondent approximately 10-15 feet away from where he was standing.

Post Accident:

The respondent stated that he was knocked out for approximately 10-15 minutes. He stated that when he woke up he had sustained several bruises and he noticed that his hearing had been further impaired. He stated that it took him about 20 minutes to get to his feet and get into the house. He stated that he did not go to the hospital as he had a doctors appointment the following week.

The respondent stated that he returned the damaged compressor to retailer and that it was to be returned to the manufacturer.

Follow-up at Retailer:

I contacted the retailer and spoke to the assistant manager, which is referenced in the complaint, and he stated that the compressor had been sent to their warehouse in Kokomo, Indiana. I asked him if there had been any similar accident with this type of air compressor and he stated that he knew of no others.

I then contacted the head buyer for the retail outlet, in Kokomo, and he stated that the air compressor was still in their warehouse and that I could take pictures of it if I wanted to. He stated that he was waiting instruction from the manufacturer as to what to do with the damaged unit. He went on to say that this was the first and only incident of this sort that he heard of.

Product Identification/Certification:

Manufacturer- Sandborn Mfg. Co. P.O. Box 206 . Springfield. Mn.

Place of Purchase- Fleet Supply presently known as Big R. S. Hwy 37.
Marion, Indiana
46952

Date of Purchase- May or June 1979

Model #- 104200-22

Serial #- 16281

Capacity- 22 gal.

Max. Pressure- 150 lbs.

Manufacturer- Leeson

Model # M6C340B11A

RPM- 3450

Electric Motor- 2 hp

Compressor- Model # 304

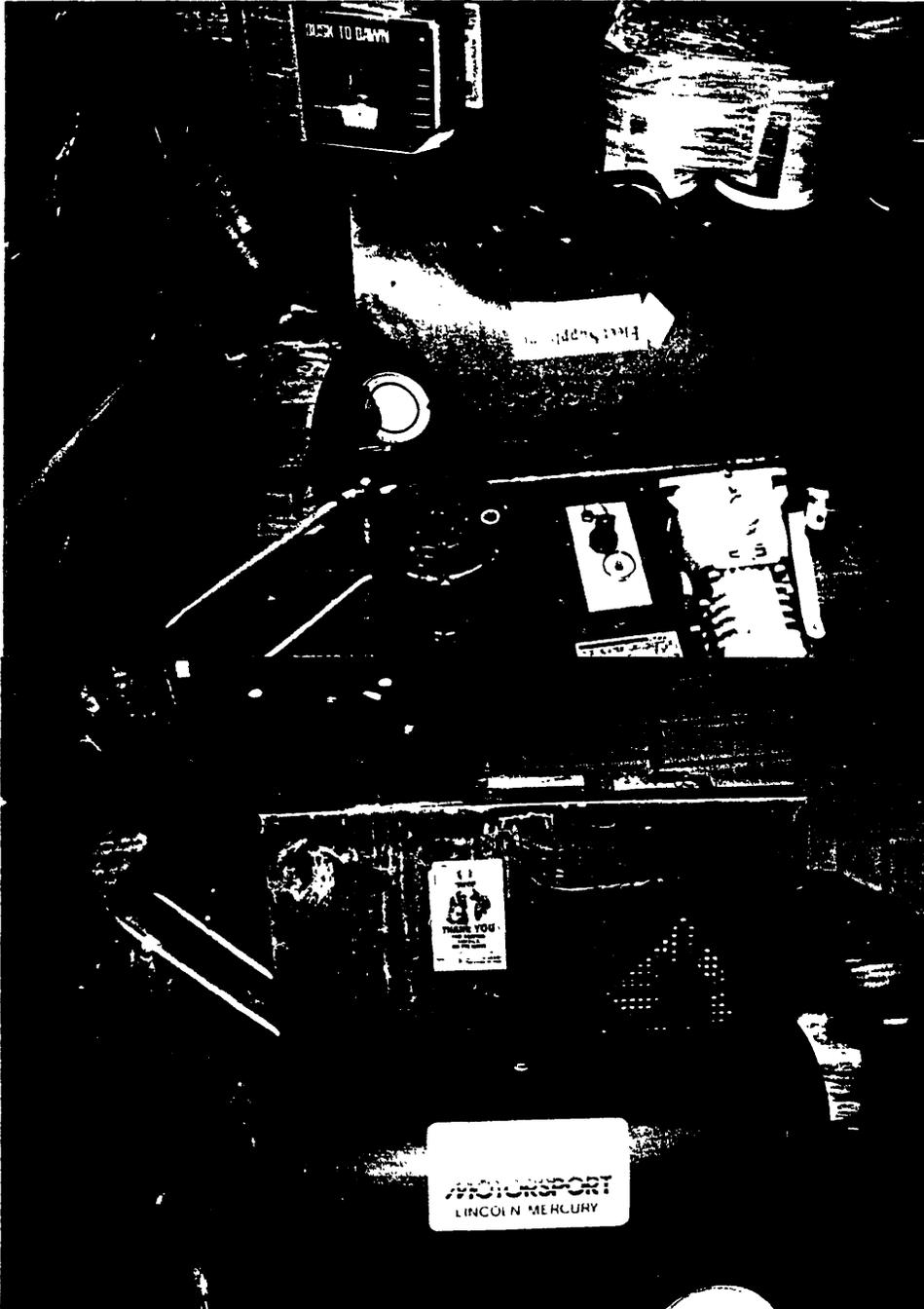
Serial # 1978

Manufacturer- Sandborn

Exhibits:

Exhibits 1 thru 11 are photographs of air compressor.

PHOTO SHOWS OVERALL FRONT VIEW OF COMPRESSOR.



1

2

PHOTO SHOWS OVERALL REAR VIEW OF COMPRESSOR.

PHOTO SHOWS LEFT FRONT OF COMPRESSOR WHERE METAL RIP OCCURRED. HOLES IN SIDE WERE MADE WHEN UNIT EXPLODED AND STRUCK A SCOOTER MOTOR SETTING BESIDE COMPRESSOR.



3

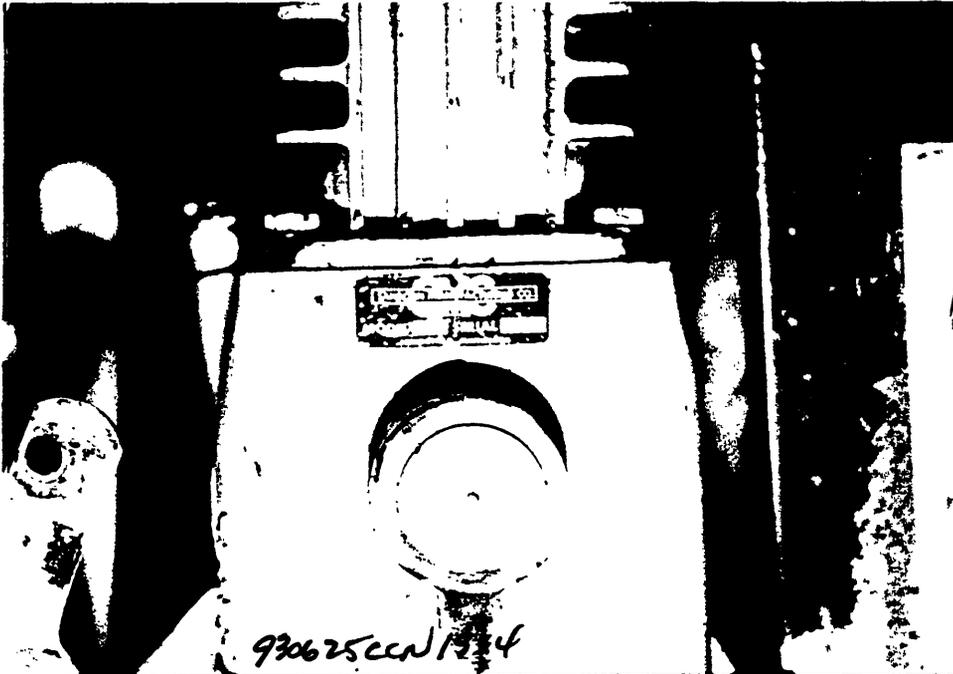


4

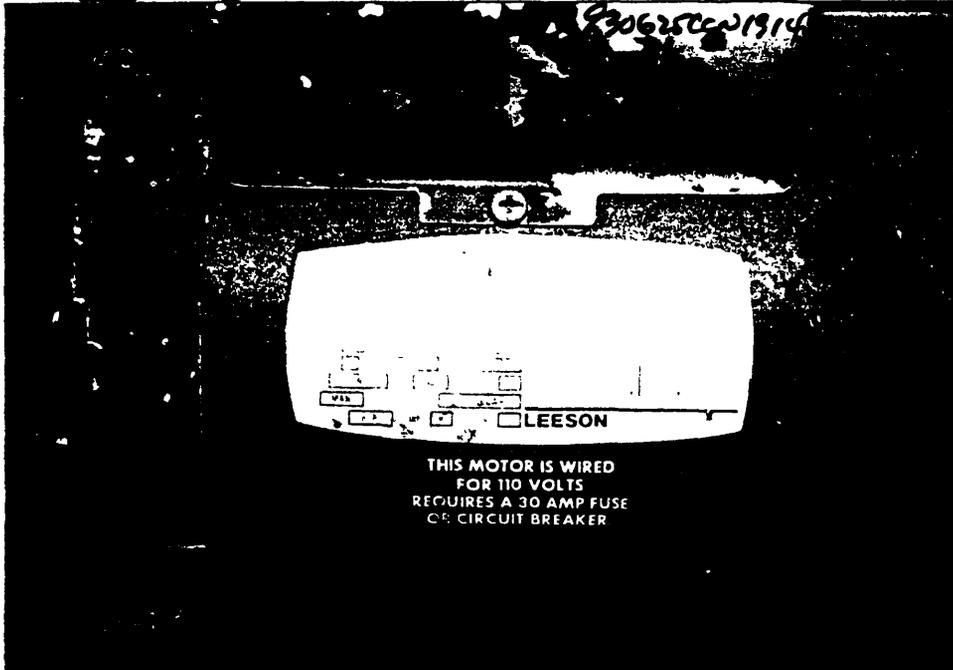
PHOTO SHOWS SMALL TEAR WHERE ELECT. MOTOR BRACKET IS WELDED TO TANK. ALSO SEAL STATING THIS PRODUCT WAS TRIPLE TESTED.

930625CCN 1914

PHOTO SHOWS DATA PLATE ON COMPRESSOR-READS:
SANDBORN MANUFACTURING CO., MODEL 304, SERIAL 1978
SPRINGFIELD, MN.



#5

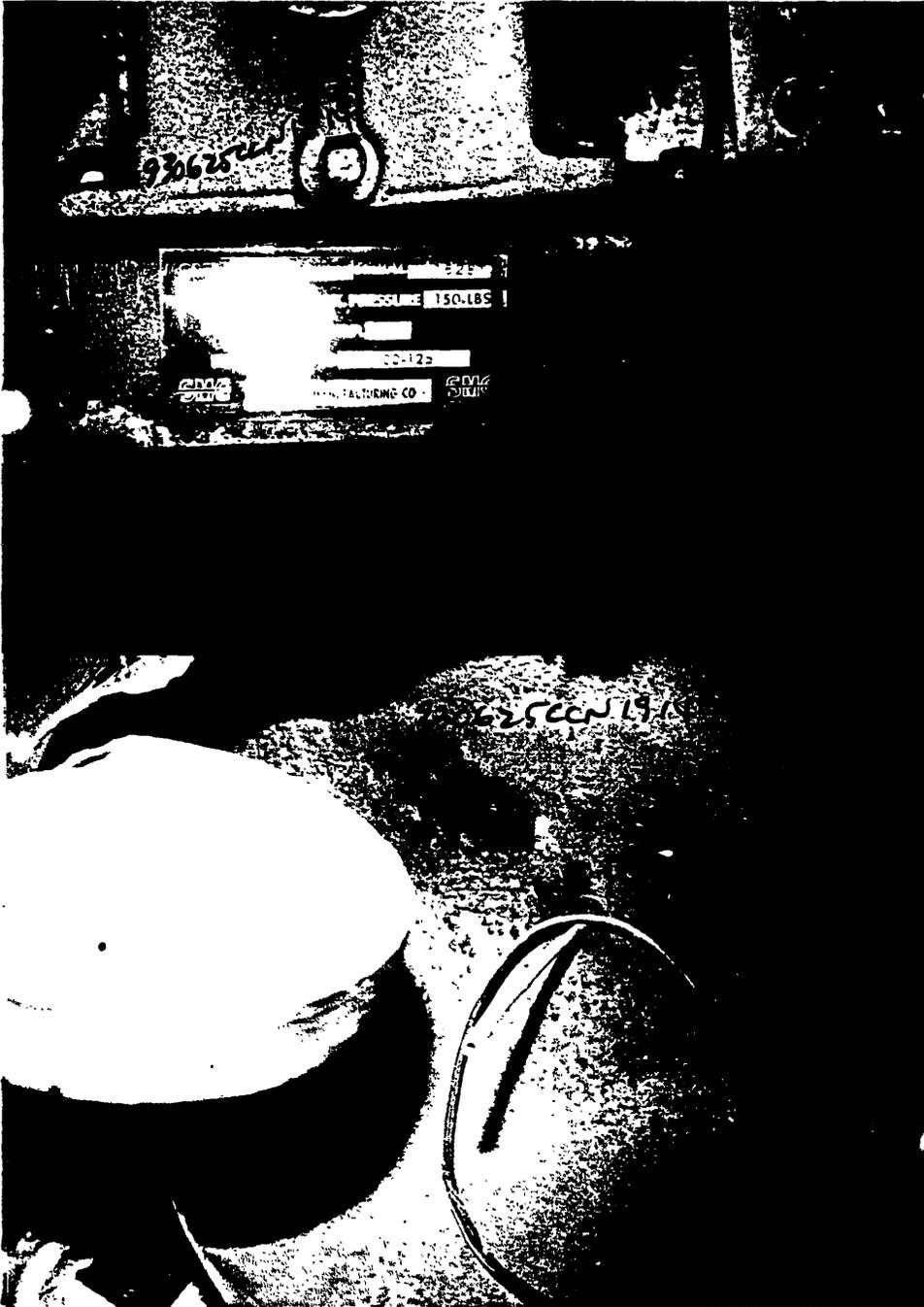


#6

PHOTO SHOWS DATA PLATE ON MOTOR - LEESON
MODEL - M6C340B11A, RPM 3450, HZ 60, HP 2
ALSO STICKER STATING THIS MOTOR IS WIRED FOR
110 VOLTS, X X X.

930625 CCN 1914

Photo Shows DATA PLATE ON COMPRESSOR TANK -
MODEL 104 A 200-22, SERIAL 16281, TANK 22 GAL.,
MAX. PRESSURE 150 LBS., SWITCH SETTING 100-125
SANDBORN MANUFACTURING CO.



#7

#8

Photo Shows INSIDE OF EXPLODED TANK,
MOISTURE PICK-UP TUBE & ELECTRIC
SERVICE CORD w/o GROUND.

Photo shows "DIAL-O-MATIC" CONTROL INSTRUCTIONS - TO SET PRESSURE.



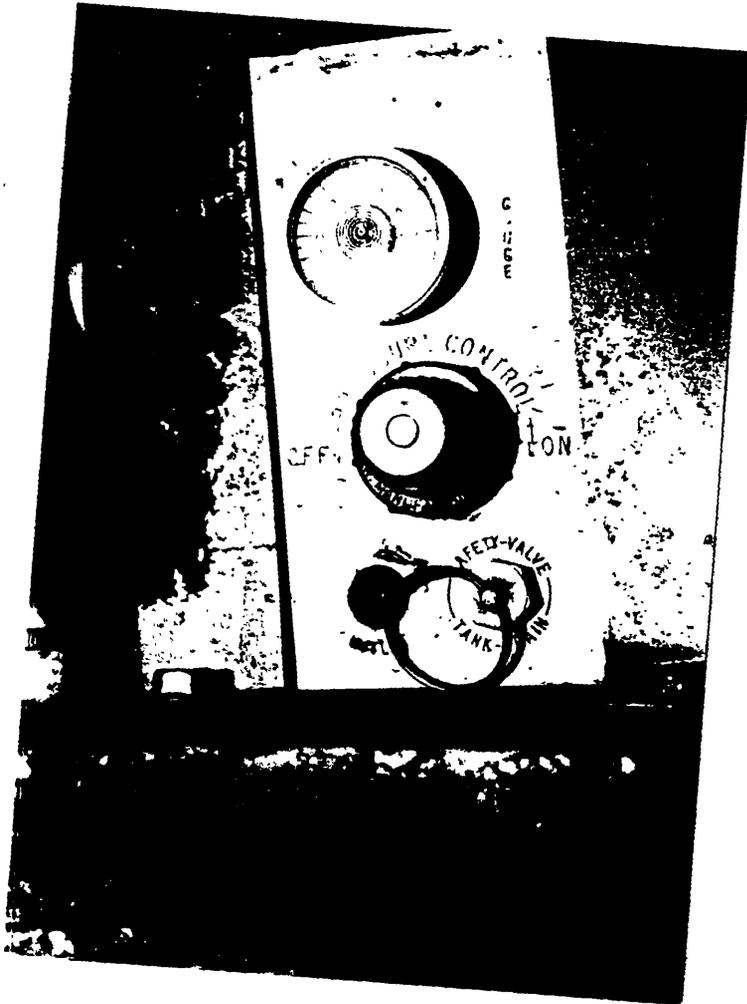
#9

#10

Photo shows "CAUTION" LABELING ON Flywheel Housing.

930625CCN 1914

Photo shows PRESSURE GAUGE, PRESSURE CONTROL KNOB & SAFETY VALVE. NOTE SAFETY VALVE DID NOT RELEASE.



#11

U.S. CONSUMER PRODUCT SAFETY COMMISSION

AUTHORIZATION FOR RELEASE OF NAME

Thank you for assisting us in collecting information on a potential product safety problem. The Consumer Product Safety Commission depends on concerned people to share product safety information with us. We maintain a record of this information, and use it to assist us in identifying and resolving product safety problems.

We routinely forward this information to manufacturers and private labelers to inform them of the involvement of their product in an accident situation. We also give the information to others requesting information about specific products. Manufacturers need the individual's name so that they can obtain additional information on the product or accident situation.

Would you please indicate on the bottom of this page whether you will allow us to disclose your name. If you request that your name remain confidential, we will of course, honor that request. After you have indicated your preference, please sign your name and date the document on the lines provided.

You are hereby authorized to disclose my name and address with the information collected on this case.

My identity is to remain confidential.

Thomas B Warner
(Signature)

7/21/93
(Date)

CONSUMER PRODUCT INCIDENT REPORT

1. NAME OF RESPONDENT THOMAS B. WARNER		2. TELEPHONE NO. (Home) (Work) 317 922 7803	
3. STREET ADDRESS 512 SOUTH WASHINGTON BOX 27		4. CITY STATE ZIP CODE SWAYZEE INDIANA 46986	
5. DESCRIBE ACCIDENT SITUATION OR HAZARD, INCLUDING DATA ON INJURIES. (Use second page if necessary.) THE COMPRESSOR HAD CYCLED TWO TIMES AND SHUT DOWN THE THIRD TIME IT WORKED AS NORMAL. I GOT UP TO CHECK FOR MOISTURE. IT HAD BEEN OFF FOR APPROX 10-15 SECONDS. I PUT MY HAND ON MY FLOOR JACK AND THE NEXT THING I KNEW I WAS 10-12 FEET FROM WHERE I STARTED - FROM ON THE FLOOR. THE 18 FOOT GARAGE DOOR WAS UP 4'5" MY GLASSES WERE UNDER THE DOOR MY HAT I FOUND LATER IN THE TOP CORNER OF THE GARAGE. BE AND HALF THE PARTS - TOOLS ECT. WERE ALL OVER THE GARAGE. THIS WAS @ 7:38 AM WHEN I GOT BACK TO MY SEAT I LOOKED AT MY CLOCK WHEN I GOT UP TO CHECK THE MOISTURE AND IT WAS 12 MINUTES AFTER 7:00 SO I WAS OUT FOR A WHILE. IT TOOK ME 15 OR 20 MINUTES TO GET IN THE HOUSE. MY WIFE & DAUGHTER WERE HALF-FR BLO...			
6. DATE OF INCIDENT(S) APRIL 8 - 93	7. IF INJURY OR NEAR MISS, OBTAIN AGE 47 SEX MALE AND DESCRIBE INJURY NECK + SHOULDER L. SIDE BRUISES - HEARING L. SIDE	8. IF VICTIM DIFFERENT FROM RESPONDENT, PROVIDE NAME RELATIONSHIP PAGE 1 OF 2	
9. DESCRIPTION OF PRODUCT SANBORN 2 HP. AIR COMPRESSOR ELECT. MODEL 104200-22 SER# 16281		10. BRAND NAME SANBORN FLEET SUPPLY	
11. MANUFACTURER/DISTRIBUTOR NAME, ADDRESS & PHONE SANBORN MFG. CO. PO BOX 206 - 118 WEST ROCK STREET SPRINGFIELD MN. USA 56087 SANDY HESSE 1800 448 0512		12. MODEL, SERIAL NO.'S MOD 104200-22 SER# 16281 13. DEALER'S NAME, ADDRESS & PHONE (PURCHASED FROM FLEET SUPPLY) New Big R SOUTH AT HWY 37 MARION INDIANA 46952 (TALKED TO MARK ASST MGR) 317-674-8511	
14. WAS THE PRODUCT DAMAGED, REPAIRED OR MODIFIED? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> IF YES, BEFORE OR AFTER THE INCIDENT? DAMAGED - SEE PICTURES. DID NOT DESCRIBE SPLIT ON ANY SEAM - APPROX 1-2" FROM SEAM. THE COMPRESSOR HAS NEVER BEEN MODIFIED OR REPAIRED. WAS NOT USED VERY MUCH. STILL LOOKS NEW.		15. PRODUCT PURCHASED NEW <input checked="" type="checkbox"/> USED <input type="checkbox"/> DATE PURCHASED SORE 1979 AGE 12-YEARS	
17. HAVE YOU CONTACTED THE MANUFACTURER? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> IF NOT, DO YOU PLAN TO CONTACT THEM? YES <input type="checkbox"/> NO <input type="checkbox"/> OTHER MISS HESSE SENT A NEW COMPRESSOR NO FURTHER CONTACT		18. IS THE PRODUCT STILL AVAILABLE? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> IF NOT, ITS DISPOSITION (MARK) TAKEN TO BIG R TO BE RET. TO SANBORN	
FOR ADMINISTRATION USE			
20. DATE RECEIVED 6-10-93	21. RECEIVED BY (Name & Office) MOONEY IND	22. DOCUMENT NO. 036 0145	
23. FOLLOW-UP ACTION INVESTIGATION 930625CCN1914		24. PRODUCT CODE(S) 0423	
25. DISTRIBUTION FOUR, EPDS,		26. ENDORSER'S NAME & TITLE Eric B. Gault, Reg Dir.	

CONSUMER PRODUCT INCIDENT REPORT

1. NAME OF RESPONDENT		2. TELEPHONE NO. (Home) (Work)	
3. STREET ADDRESS		4. CITY STATE ZIP CODE	
6. DESCRIBE ACCIDENT SITUATION OR HAZARD, INCLUDING DATA ON INJURIES. (Use second page if necessary.) MY DAUGHTER HEARD AND FEEL THE EXPLOSION - A NEIGHBOR 1 BLOCK AWAY CALLED LATE RTO ASK WHAT THE NOISE WAS - I HAVE A REGULAR DOCTORS APPT. NEXT WEEK - I AM DISABLED WITH VERTIGO - LABRINTHITIS - SO IT IS HARD TO TELL - MY LEFT EAR HAS LOST ABOUT ALL OF IT HEARING AND I AM VERY SORE IN MY NECK AND SHOULDER AND STILL HAVE BRUISES IN SEVERAL PLACES. THE FORCE OF THE EXPLOSION WAS SO GREAT - ABOUT THE WORK BEN I NOW HAVE 6-7. LEAKS WHEN IT RAINS - THE TOUNG EGROUVE SIDING ON THE GRASS IS PL AT THE GROVES. THE COMPRESSOR DEMOLISHED A VESPA SCOOTER ENG. AND SEVERAL TOOLS. GOT SEVERAL PICTURES TO BGR. IN MARION. THEY HAD SANDY HESS CALL ME FROM SAMBO RN - SHE ASKED ABOUT MY INJURIES AND DAMAGE BUT OFFERED NOTHING BUT A NEW COMPRESSOR. WHICH I NOW HAVE. I HAVE NOT CONTACTED THEM ABOUT DAMAGE. IF THERE HAD BEEN ANY WARNING I WOULDNT HAVE THESE PROBLEMS. THERE WAS NO WARNING			
8. DATE OF INCIDENT(S)	7. IF INJURY OR NEAR MISS, OBTAIN AGE _____ SEX _____ AND DESCRIBE INJURY _____	9. IF VICTIM DIFFERENT FROM RESPONDENT, PROVIDE NAME <u>PHONER OF SANDY HESS IS.</u> RELATIONSHIP <u>800 448 0510</u>	
11. MANUFACTURER/DISTRIBUTOR NAME, ADDRESS & PHONE		10. BRAND NAME	
11. MANUFACTURER/DISTRIBUTOR NAME, ADDRESS & PHONE		12. MODEL, SERIAL NO.'S	
		13. DEALER'S NAME, ADDRESS & PHONE	
14. WAS THE PRODUCT DAMAGED, REPAIRED OR MODIFIED? YES _____ NO _____ IF YES, BEFORE OR AFTER THE INCIDENT? _____ Describe _____		15. PRODUCT PURCHASED NEW _____ USED _____ DATE PURCHASED _____ AGE _____	
17. HAVE YOU CONTACTED THE MANUFACTURER? YES _____ NO _____ IF NOT, DO YOU PLAN TO CONTACT THEM? YES _____ NO _____ OTHER _____		16. DOES PRODUCT HAVE WARNING LABELS? IF SO, NOTE: _____	
		18. IS THE PRODUCT STILL AVAILABLE? YES _____ NO _____ IF NOT, ITS DISPOSITION _____	
FOR ADMINISTRATION USE			
20. DATE RECEIVED	21. RECEIVED BY (Name & Office)	22. DOCUMENT NO.	
23. FOLLOW-UP ACTION		24. PRODUCT CODE(S)	
25. DISTRIBUTION		26. ENDORSEY'S NAME & TITLE	







Handwritten text on a sign, possibly including the word "Supply".



Printed text on a sign: "Floor Supply Inc"

HIEI

B-0529

12 JAN 1982

1 CASE NO. 811214CEP2049	2 INVESTIGATOR'S ID 8 1 2 9	3 OFFICE CODE 8 1 5	EPIDEMIOLOGIC INVESTIGATION REPORT
4 DATE OF ACCIDENT 8 1 1 0 2 1	5 DATE INVESTIGATION INITIATED 8 2 0 1 0 5		

Synopsis of Accident or Complaint: At approximately 0830 hours on Wednesday, October 21, 1981, a 12 CFM portable air compressor with a 22 gallon steel tank and a 3 H.P. motor exploded for an as yet undetermined reason and caused \$3000 damage to the compressor, the machine shed in which it was located (2 walls and roof), and nearby equipment such as an all-terrain vehicle, a welder and a combine. No one was injured since the owner, his son and his wife had just left the machine shop.

6 LOCATION (Home, Work, etc.) Farm machine shed.	7 CITY Le Mars	8 STATE Iowa
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9 FIRST PRODUCT Air compressor	10 TRADE BRAND NAME Sanborn Manufacturing Co.
0 8 2 3	MANUFACTURER'S ADDRESS P.O. Box 129, 118 W. Rock, Springfield, Minn. 56087 507-723-6211

11 SECOND PRODUCT NONE	12 TRADE BRAND NAME -
	MANUFACTURER'S ADDRESS -

13 AGE OF VICTIM 9 9 9	14 SEX (Use numerical code) MALE .1 FEMALE .2 UNKNOWN .3 9	15 DISPOSITION No injury.	16 INJURY DIAGNOSIS No injury.
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17 BODY PART No injury.	18 RESPONDENT(S) (MOTHER, FRIEND) Owner	19 TYPE INVESTIGATION IN SITE BY PHONE OTHER 2	20 TIME SPENT 4 0
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21 ATTACHMENTS News article.	22 CASE SOURCE Newspaper.	23 REVIEWED BY 8 1 3 2	24 YEAR 8 2 0 1 0 6
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25 NARRATIVE (See Instructions on Other Side) Attached.

MR. WIRE NOTIFIED
 NO comments made
 Comments attached
 Decisions & revisions
 Item has not requested
 action at this
 12/23/81
 9116 106 PZ

811214CEP2049

SUMMARY:

At approximately 0830 hours on Wednesday, Oct. 21, 1981, a 12 CFM Portable Air Compressor with a 22 gallon steel tank and a 3 horsepower motor exploded for an as yet undetermined reason and caused \$3,000 damage to the compressor, the machine shed in which it was located (two walls and roof) and nearby equipment such as an all-terrain vehicle, a welder and a combine. No one was injured since the owner, his son and his wife had just left the machine shop.

PRE-ACCIDENT:

Twenty minutes prior to the accident the owner and his son used the compressor to pump up a flat tire. The owner followed his son into town just in case the tire didn't hold air long enough to get there.

The owner's wife was in the machine shed cleaning the windows on the combine. She finished the windows and went into the house. The owner said he was aware that this activity might be dangerous although he had no such thoughts at the time.

He said safety precautions taken to prevent such an accident included the fact that he had mounted a fuse box on the shroud of the compressor so that if the current exceeded eight amps the compressor would shut off. He said he was very familiar with the operation of the compressor having used it frequently since he bought it a year and a half ago. Also, he had a previous compressor 25 years and had used compressors for over 40 years.

The owner said he had performed this specific activity many times before. He said he used the compressor the day before the explosion for the air wrenches he was using while working on the combine.

The immediate environment and related factors such as atmospheric conditions were good. It was a nice day although there was a slight drizzle. The owner said this would have made no difference according to the compressor manufacturer. He said there was no moisture in the compressor tank.

ACCIDENT:

The owner said he and his son and his wife all left the machine shed at about the same time. He and his son had gone to the nearby town. His wife returned to the house. She was on the phone talking to a neighbor about a quarter mile away.

There was a blast which the wife thought was a sonic boom. She said the neighbor thought the blast was from a fuel tank in her own yard.

POST-ACCIDENT:

The owner said he discovered the damage from the blast when he returned from a nearby town. He estimates there was more than \$3,000 damage. The compressor was ruined and will be replaced by a new unit from the manufacturer as well as some cash to help with his expenses. Two sides and the roof of the machine shed were damaged. An all-terrain vehicle beside the air compressor was damaged. A welder beside the air compressor was damaged. A combine was damaged.

The owner told me the time between the use of the air compressor and the explosion was 20 minutes maximum. He said this was about the usual amount of time the air compressor would run after being used. He said the compressor was running during the time he and his son and his wife were in the machine shop after the air compressor was used to inflate the flat tire.

Actions taken to prevent reoccurrence of the accident include the fact that the manufacturer has replaced the air compressor with a whole new unit. Also, the manufacturer has the old compressor unit and he is testing the steel material of the compressor tank and the welding.

PRODUCT IDENTIFICATION:

The owner said the air compressor was a portable, self-contained unit with two wheels so that it can be moved like a wheelbarrow. He said the 22 gallon steel air compressor tank was about 24 inches in diameter and about 36 inches long. There was a three horsepower motor. He said he thought the capacity of the air compressor unit was about 12 CFM. There were two pressure relief valves and a switch for each.

The air compressor unit was manufactured by:

Sanborn Manufacturing Company
P. O. Box 129
118 W. Rock
Springfield, Minnesota 56087
507-723-6211

Sanborn bought the two pressure relief valves and the two switches from other companies.

The owner said he bought the air compressor unit new 18 months ago from a salesman (Tony DeHaan) for Tri-State Tool Company out Sioux Falls, South Dakota.

He said Sanborn feels that something malfunctioned at the time of the accident but they have not yet determined what it was. He said they felt the explosion occurred at between 100 and 200 PSI. The gauge should have shut off the unit at 100 PSI. They felt the air compressor tank never got to the bursting pressure of 850 PSI. They felt the pump wouldn't pump to 600 PSI.

The owner said the manufacturer said he altered the machine when he installed the electrical device (fuse) on the compressor shroud so the unit would shut off at eight amps. He said the insurance company told him he altered the machine on the safe side.

I mailed the respondent a copy of the booklet "Together We Can Reduce Injury" and a copy of a letter explaining the NEISS Program.

EXHIBITS:

Exhibit 1 - News article.

*Ed
Cammis*

01 C 0026

DEC 8 1981

Daily Sentinel
Le Mars, Iowa
Cir. D. 5.000

OCT 29 1981

about a mile west of Le Mars.

Compressor explodes at [redacted] farm

Three members of the [redacted] family escaped serious injury Oct. 21 when an air compressor exploded in the machine shed on the [redacted] farm southeast of Ireton about 8:30 a.m.

[redacted] and son [redacted] had just used the compressor to pump up a flat tire. [redacted] decided to follow his son to Ireton just in case the tire didn't hold air long enough to get there.

[redacted] wife [redacted] was left in the machine shed to clean windows on

the combine. She returned to the house after the windows were done.

Minutes later [redacted] heard what she thought was a sonic boom. She was talking on the phone to a neighbor 1/4 mile away who through the blast was from a fuel tank in the neighbor's farm yard.

[redacted] discovered the blast area when he returned from Ireton.

Over \$850 in damages were sustained by the machine shed and other equipment.

Hawarden Independent

811214CEP2049

ED 115
NOV 1982
EPIDEMIOLOGIC INVESTIGATION REPORT

1. CASE NO. 821008CEP2003	2. INVESTIGATOR'S ID 8 1 5 6	3. OFFICE CODE 8 1 5 1 2	
4. DATE OF ACCIDENT YR MO DAY 8 2 0 8 2 7	5. DATE INVESTIGATION INITIATED YR MO DAY 8 2 1 0 1 5		

6. SYNOPSIS OF ACCIDENT OR COMPLAINT This investigation involved the explosion of an 7 year old air compressor. During use the tank ruptured, causing the 50 year old victim to be hit by flying metal debris. He rec'd deep laceration injuries to his legs.

MEMBER NOTIFIED
 No comment made
 Comments attached
 Excisions, Dissections
 Film has not requested
 I'll send notice

9/15/86
 12/23/85

7. LOCATION (Home, school, etc.) Farm	8. CITY Kimball	9. STATE Mn
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10A. FIRST PRODUCT Air Compressor	11A. TRADE/BRAND NAME MANUFACTURER & ADDRESS Sanborn Mfr'g Co; Springfield, Mn.
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10B. SECOND PRODUCT None	11B. TRADE/BRAND NAME MANUFACTURER & ADDRESS N/A
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12. AGE OF VICTIM 0 5 0	13. SEX (Use numerical code) MALE -1 FEMALE -2 UNKNOWN -3 1	14. DISPOSITION Hospitalized 4	15. INJURY DIAGNOSIS Lacerations 5 9
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16. BODY PART Leg 3 6	17. RESPONDENT(S) (Mother, Friend) Victim's Father Manufacturer 2	18. TYPE INVESTIGATION ON SITE 1 TELEPHONE 2 OTHER 3 2	19. TIME SPENT 0 0 6
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20. ATTACHMENTS Photo Unit Inspection 9	21. CASE SOURCE Newsclip 0 5	22. REVIEWED BY 83111	YR MO DAY 8 2 1 0 4
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23. NARRATIVE (See Instructions on Other Side)

SUMMARY

This investigation involved an incident with an air compressor. The owner said that the air compressor was purchased about 6/7 years ago from a local implement dealer (Big Bear). He didn't know what model it was other than it had about a one HP motor. The unit was purchased primarily for filling the farm tractors and other equipments wheels or tires. He said it was used only on a periodical basis and said they drained the water occassionally. He said however, that it was accomplished by building up the pressure and then shooting out the water through the hose.

On the day of the incident the air compressor had been running for about 25 minutes. The had filled up some tires and were cleaning out the tool shed. They noticed that the unit had been running for some time and his 50 year old son was walking over to it to see why it hadn't turned off. When he got within 4/5 feet of the compressor it blew up. Pieces of metal debris hit him in the lower leg. He was taken to a near by hospital for treatment. His leg was in a cast at the time of my investigation and it is anticipated that it will be around December 1982 before he returns to his normal activities.

(Over)

(USE OTHER SIDE AND ADDITIONAL SHEETS IF NECESSARY)

CONTINUED:

The owner contacted the manufacturer of the unit and told them of the incident. They immediately visited him and collect the unit for examination.

I contacted the firm and talked with Mr. William Besse, Ex. Vice President. Mr Besse said the unit was indeed collected and examined by their staff. He said it appears that the unit was seldom if ever drained of water. He said there was a definite water line on the bottom of the tank. He said what he believes happened is the tank probably developed a air leak. Then the owner attempted to close the leak by welding or brazing the leak. He said all this did was close the leak and then create a weak point somewhere else. He said there was weld spots all over the tank. Finally, the entire tank exploded. He said these findings were discussed with the owner and he agreed with their findings.

Mr. Besse sent a copy of their unit test of the air compressor involved along with photos showing the additional welds. These will be attached to this report.

PRODUCT IDENTIFICATION

The product involved in this incident is mfr'd by:

Sanborn Manufacturing Co.
118 West Rock Street
Springfield, Mn. 56087
Model# 84A100-22
Serial# 17147
Mfr'g Date 4-29-75

INSTRUCTIONS FOR NARRATIVE

Use the following "outline" during in-depth investigations to reconstruct the accident sequence and to describe the condition associated with the accident or injury. Include in your narrative as many factors as possible relating to the victim's activities, accident, injury and product(s). Use Supplemental Investigation guide if appropriate. Be sure to enclose photos and diagrams as per instructions to enhance your report.

PRE-ACCIDENT: Activities of victim prior to accident; unusually tired or fatigued; physical condition (consider: acutely ill, chronically ill, handicapped or disabled, under influence of drugs or alcohol); upset for any reason; awareness that this activity might be dangerous; any safety precautions taken to prevent such an accident; familiarity with proper operation of product; level of experience with product; performed this specific activity before; immediate environment and related factors (atmospheric conditions; obstacles; wet; uneven; rough or slippery surface).

ACCIDENT: Exact activity of victim at time of injury; any distractions or unusual circumstances; in a hurry; relative position of product and part of body injured; type of energy transfer that caused injury (mechanical, electrical, thermal, radiation, chemical); source of energy involved (product, victim, outside source); safety measures/devices being followed or used.

POST-ACCIDENT: Actions of victim, or bystanders, injury treatment; severity of injury; any permanent impairment (nerve damage, stiff joints, loss of sight, etc.); action taken to prevent reoccurrence; principal dimensions of product involved; physical condition of product after accident.

PRODUCT IDENTIFICATION: Who manufactured the product; where, of what material was the product constructed; any caution instructions, age recommendations; describe any controls on product, such as on/off mechanism; describe any safety device(s) on or included with product, describe general condition of product, broken parts, sharp edges, small removable parts; has the product been repaired, where, when, how; were any parts removed or replaced; was the product assembled when purchased; was the product purchased or rented; where, when; if the product is electrical was it plugged in at the time of accident, was it grounded and/or double insulated; describe the length of cord and its condition; etc.

ATTACHMENTS: Discuss exactly what is attached, what does each attachment consist of (i.e., 12" x 12" piece of fabric, etc.), and any record or material identification (i.e. fire department report #xxxx). Also list the sample number for any sample collected.



118 WEST ROCK ST.
SPRINGFIELD, MINN. 56087
PH. (507) 723-6211

"QUALITY IS OUR STANDARD"

ea 100869 2003

October 29, 1982

Consumer Products Safety Commission
Federal Courts Bldg.
Room 128
316 N. Robert St.
St. Paul, MN 55101

ATTN: Mr. [REDACTED]

SUBJECT: [REDACTED]

Dear [REDACTED]

In response to our recent phone conversation regarding Mr. [REDACTED]

As discussed, enclosed please find photos and engineering report of Mr. [REDACTED] tank. I agree this situation was unfortunate, however, after your review of the enclosed, I trust you'll agree our product was not the cause.

Thank you for your support, and if I can be of any further assistance, please let me know.

Sincerely,

SANBORN MANUFACTURING COMPANY


William C. Besse
Executive Vice President

WCB/jlt

enc.

82 1008CEP 2003

UNIT INSPECTION REPORT

1. Model 84A100-22 Unit Serial Number 17147
2. Date Manufactured 4-29-75 Returned From [REDACTED]
3. Date first put into service unknown St. Cloud
4. (a) Date of occurrence Aug. Or Sept. 1982
- (b) Received at SMC 9-22-82
5. (a) Any repairs made by customer; welded leaks, base plate repair, axel or leg repair: As attached photos verify, the customer welded and brazed bottom of tank several times near seam; also support stand was brazed to tank on at least one occasion.
- (b) General condition of tank
Paint Fair Head still attached both attached.
Length of rupture full length of bottom seam
Associated damages or punctures support stand

Did weld rupture? No, all welds made by factory on original tank -
were still intact
- (c) Description of rupture area
Pitting deep pitting lower 1/8 of tank
Scale moderate scale above noted moisture line
Color dark rust color
6. Material Inspection
(a) Thickness along rupture Minimum .023 Maximum .042 Average .037
(b) Thickness 1/2" parallel to rupture Minimum .055 Maximum .065 Average .060
(c) Thickness of material in upper 1/2 of tank .075
(d) Description of corrosion _____
Upper 1/8th of tank light to moderate corrosion
Lower 1/8th of tank deep pitting and rusting of metal, accelerated
by additional welding by customer near heat affected zone.

7. Pressure switch inspection

- (a) Was switch returned? Yes
- (b) Damaged Yes X No _____
- (c) Was pressure setting altered by customer Yes N/A No N/A
Unable to determine X
- (d) Description or evidence of alteration N/A

8. Safety valve inspection

- (a) Damaged from rupture Yes X No _____
- (b) Damaged and operable X
- (c) Damaged and not operable N/A

9. Compressor pump and motor

- (a) Were components damaged and/or not operable: Describe _____
Components were operable
- (b) Were compressor valves rusted? Yes X No _____
Describe Discharge valves had rust build up

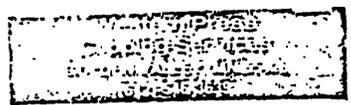
10. Pump Serial Number 1975Motor Serial Number E75 Brand of Motor LeesonDate on motor base 4/75

11. Summary As noted within this detailed report, the customer had done
extensive rework to the bottom of this receiver near the seam area, causing
a very unsafe condition. This was not authorized by our company nor was
it done according to recognized welding practices. We have also noted an
obvious water line in the lower portion of the tank. We are quite certain
this was due to the tank rarely if ever being drained of moisture.

Steven D. Baker

15

G29 0078

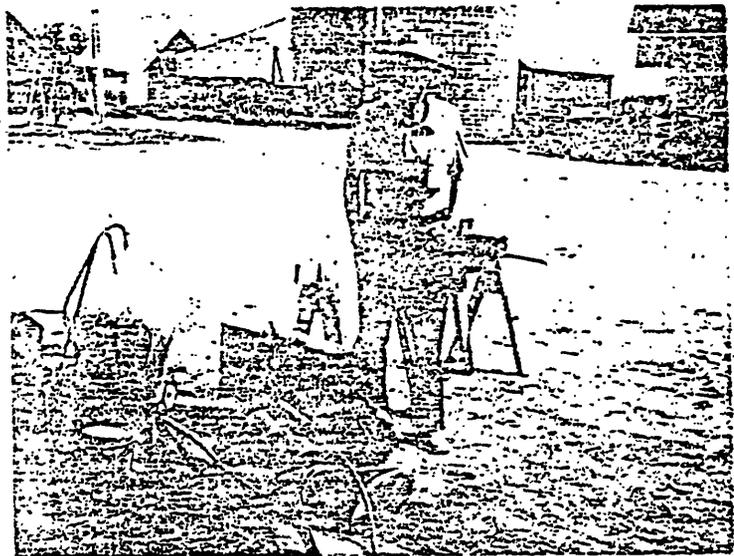


TRI-COUNTY NEWS
KIMBALL, MN
C 1,200

SEPT -2 -82

everyone is
welcome.

Compressor blows up on Farm



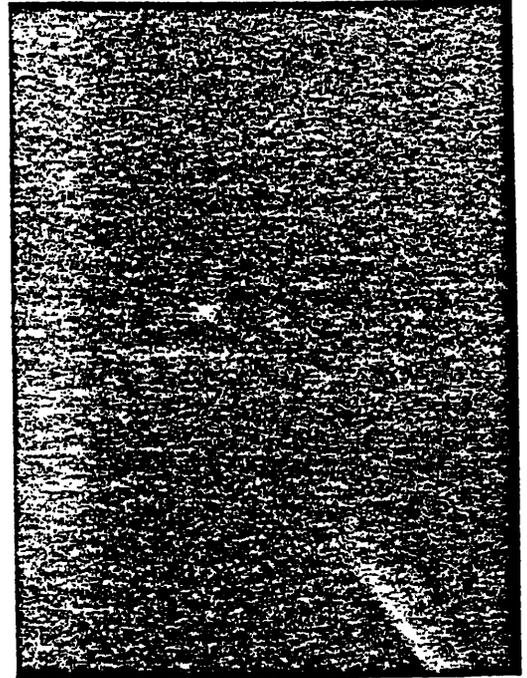
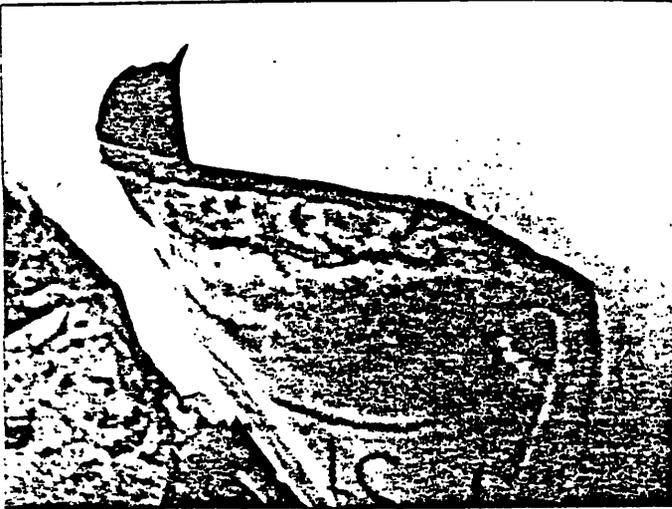
stands near the compressor which blew up on his farm Friday. was approaching the compressor to see why it had not shut off when he was blown several feet away by the blast. The tank was completely torn apart and the wheels were thrown quite a distance. is in the St. Cloud Hospital with a severe six inch cut on his leg below his knee. The bone is also cracked. The wound was full of dirt and is requiring considerable care. wishes to warn others having compressors to check the release and cut off valves to avoid a similar - or even worse - accident.

EPDS
OCT - 1 1982

DFND11983 CPSCCHID,821008CEP2003
OTHER, SHORT TERM INDEPTH
DETERMINE ACCIDENT SCENARIO AND ALL AVAILABLE PRODUCT
IDENTIFICATION. TAKE PHOTOGRAPHS AND OBTAIN INSTRUCTION
USER'S MANUAL.
PRODUCT: COMPRESSOR
CONTACT:  MN.

821008CEP2003

33ENT

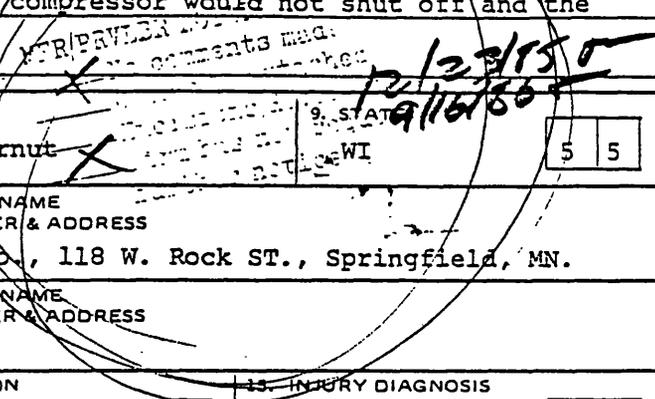


The above two photos were rec'd from the manufacturer of the air compressor involved in this incident. They were taken to show the welding that was performed on the tank by the owner.

CEN 18 1982 Travel; 2 hours

1. CASE NO. 820614CHI0492		2. INVESTIGATOR'S ID 8 1 2 3		3. OFFICE CODE 8 1 5		EPIDEMIOLOGIC INVESTIGATION REPORT	
4. DATE OF ACCIDENT YR MO DAY 8 2 0 3 0 4		5. DATE INVESTIGATION INITIATED YR MO DAY 8 2 0 6 1 8					

6. SYNOPSIS OF ACCIDENT OR COMPLAINT At approx. 1:00PM, a 60 year old male who was working in the detached garage of his rural Wisconsin home, suffered an injury to his left eye when it was struck by a piece of rubber or metal from an air compressor that exploded. The elec. powered unit was plugged in but not in use at the time. When the explosion occurred, the victim was attempting to pull the power plug because the compressor would not shut off and the pressure gauge was pegged at 200 psi.



7. LOCATION (Home, school, etc.) Home - garage		8. CITY Butternut		9. STATE WI	
---	--	----------------------	--	----------------	--

10A. FIRST PRODUCT Air compressor		11A. TRADE/BRAND NAME MANUFACTURER & ADDRESS Sanborn Mfg. Co., 118 W. Rock ST., Springfield, MN.	
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10B. SECOND PRODUCT		11B. TRADE/BRAND NAME MANUFACTURER & ADDRESS	
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12. AGE OF VICTIM 0 6 0		13. SEX (Use numerical code) MALE -1 FEMALE -2 UNKNOWN -3 1		14. DISPOSITION Treated and transferred 3		15. INJURY DIAGNOSIS Contusions and abrasions 5 3	
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16. BODY PART Left eye		17. RESPONDENT(S) (Mother, Friend) Victim		18. TYPE INVESTIGATION ON SITE 1 TELEPHONE 2 OTHER 3 1		19. TIME SPENT 6.0	
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20. ATTACHMENTS Photographs & complaint		21. CASE SOURCE Consumer Complaint		22. REVIEWED BY 8 3 1 1		YR MO DAY 8 2 0 2 1 6	
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23. NARRATIVE (See Instructions on Other Side)

Pre-accident

The victim, a 60 year old white male, his wife and teenage son live in a single family residence in a rural area of northern Wisconsin. The victim works at a resort and also operates a small farm about two miles away from his home.

In September, 1977, the victim purchased a used portable air compressor powered by a one hp. electric motor. The unit was about one year old at the time and was purchased from a private individual. The victim did not receive any operating instructions or owner's manual from the previous owner. He bought the compressor for the purpose of keeping the tires on his farm equipment inflated. When purchased, the compressor was placed on the floor at one side of the detached garage at his home. The power cord was plugged into a wall outlet at all times, even though the compressor was used infrequently.

During the 4 1/2 years the victim owned the compressor, it never required service and functioned properly. The compressor tank had a drain plug which had never been removed by the victim. He was not aware of the necessity for periodically draining moisture from the tank.

The victim is physically active, does not wear glasses and is in good health. There was nothing unusual about the victim's activities prior to the accident, and he does not recall being distracted by anything. In the early afternoon on the day of the accident, the victim

(USE OTHER SIDE AND ADDITIONAL SHEETS IF NECESSARY)

was doing some maintenance work in the garage that did not require the use of the air compressor. He could recall similar occasions in the past when he was in the garage and the compressor would start up and run for a brief period of time even though it was not being used. He said that the pressure gauge always showed approximately 125 psi when the compressor shut off.

On this particular afternoon, the compressor had started and continued to run. The victim did not know how long the pump was running, but became aware that it should have shut off. He walked over to the compressor and saw that the pressure gauge needle registered over 200 psi. He immediately reached for the power cord plug, intending to remove it from the wall receptacle.

Accident

As the victim reached for the wall plug, there was an explosion and he was thrown backward to the garage floor. As he regained his senses, the victim realized that something had struck his left eye.

Post-accident

The victim walked to the house and his wife drove him to the nearest medical facility, which was a clinic about five miles away. He was examined there briefly and then driven to a larger clinic where he was treated for a corneal abrasion. He was not hospitalized, but has been treated on an out-patient basis. Four months after the accident, the victim has about 25% of sight in the left eye and has been told that any further improvement would be unlikely.

INSTRUCTIONS FOR NARRATIVE

Use the following "outline" during in-depth investigations to reconstruct the accident sequence and to describe the condition associated with the accident or injury. Include in your narrative as many factors as possible relating to the victim's activities, accident, injury and product(s). Use Supplemental Investigation guide if appropriate. Be sure to enclose photos and diagrams as per instructions to enhance your report.

PRE-ACCIDENT: Activities of victim prior to accident; unusually tired or fatigued; physical condition (consider: acutely ill, chronically ill, handicapped or disabled, under influence of drugs or alcohol); upset for any reason; awareness that this activity might be dangerous; any safety precautions taken to prevent such an accident; familiarity with proper operation of product; level of experience with product; performed this specific activity before; immediate environment and related factors (atmospheric conditions; obstacles; wet; uneven; rough or slippery surface).

ACCIDENT: Exact activity of victim at time of injury; any distractions or unusual circumstances; in a hurry; relative position of product and part of body injured; type of energy transfer that caused injury (mechanical, electrical, thermal, radiation, chemical); source of energy involved (product, victim, outside source); safety measures/devices being followed or used.

POST-ACCIDENT: Actions of victim, or bystanders, injury treatment; severity of injury; any permanent impairment (nerve damage, stiff joints, loss of sight, etc.); action taken to prevent recurrence; principal dimensions of product involved; physical condition of product after accident.

PRODUCT IDENTIFICATION: Who manufactured the product; where, of what material was the product constructed; any caution instructions, age recommendations; describe any controls on product, such as on/off mechanism; describe any safety device(s) on or included with product, describe general condition of product, broken parts, sharp edges, small removable parts; has the product been repaired, where, when, how; were any parts removed or replaced; was the product assembled when purchased; was the product purchased or rented; where, when; if the product is electrical was it plugged in at the time of accident, was it grounded and/or double insulated; describe the length of cord and its condition; etc.

ATTACHMENTS: Discuss exactly what is attached, what does each attachment consist of (i.e., 12" x 12" piece of fabric, etc.), and any record or material identification (i.e. fire department report #xxxx). Also list the sample number for any sample collected.

JUL 16 8 34 AM '82

CONSULT PRODUCT
SAFETY DIVISION
CHICAGO POLICE

Product Identification

The product consists of a cylindrical metal tank with wheels at one end and a metal stand at the other end. An electric motor and piston type pump are mounted on a steel platform attached to the top of the tank. The pump pulley is driven by a rubber belt from another pulley on the shaft of the electric motor. The compressor can be moved by means of a metal handle bolted to the motor end of the platform.

The air tank carries the [REDACTED] label, identifying the private label distributor of this particular unit. It also has a label indicating that the manufacturer is a member of the Air Compressor Research Council and that the product complied with the U.S. Department of Commerce standard in effect at the time of manufacture. The product is further identified as Model 84A100-22, Serial No. 11298, manufactured by Sanborn Manufacturing Company, Springfield, Minnesota.. The compressor has a 22 gallon tank with a normal operating pressure of 100 - 125 psi. The tank has a drain plug at the bottom. There was no evidence of a pressure relief valve having been a component of the compressor.

The compressor has a pressure gauge which reads 0 - 200 psi. The gauge is part of a pressure regulator switch which controls the operation of the electric motor driving the pump. The only visible marking on the switch housing was [REDACTED]

Attachments

1. Copy of consumer complaint
2. Photographs of air compressor

Product Identification

The product consists of a cylindrical metal tank with wheels at one end and a metal stand at the other end. An electric motor and piston type pump are mounted on a steel platform attached to the top of the tank. The pump pulley is driven by a rubber belt from another pulley on the shaft of the electric motor. The compressor can be moved by means of a metal handle bolted to the motor end of the platform.

The air tank carries the "Farm & Fleet" label, identifying the private label distributor of this particular unit. It also has a label indicating that the manufacturer is a member of the Air Compressor Research Council and that the product complied with the U.S. Department of Commerce standard in effect at the time of manufacture. The product is further identified as Model 84A100-22, Serial No. 11298, manufactured by Sanborn Manufacturing Company, Springfield, Minnesota.. The compressor has a 22 gallon tank with a normal operating pressure of 100 - 125 psi. The tank has a drain plug at the bottom. There was no evidence of a pressure relief valve having been a component of the compressor.

The compressor has a pressure gauge which reads 0 - 200 psi. The gauge is part of a pressure regulator switch which controls the operation of the electric motor driving the pump. The only visible marking on the switch housing was "FURNAS".

Attachments

1. Copy of consumer complaint
2. Photographs of air compressor



State of Wisconsin

DEPARTMENT OF AGRICULTURE, TRADE & CONSUMER PROTECTION

June 8, 1982

La Verne Ausman
Secretary

801 West Badger Road
P.O. Box 8911
Madison, Wisconsin 53708
608 266-1721

U.S. Consumer Product Safety Commission
Midwestern Regional Office
Room 2945
203 South Dearborn Street
Chicago, IL 60604

Gentlemen:

Re: [REDACTED]

Enclosed is a copy of a complaint we received which appears to be of a nature that should be reviewed by your agency.

Would you kindly have a member of your staff review this complaint to determine whether there has been a violation of any of the laws that you administer. After your investigation is completed, we would appreciate your notifying the complainant, as well as this office, of your findings and intentions.

Sincerely,

Wallace S. Koslo
Madison Regional Supervisor
CONSUMER PROTECTION DIVISION

WSK/lk
8/7

Enc.



State of Wisconsin

DEPARTMENT OF AGRICULTURE, TRADE & CONSUMER PROTECTION

June 8, 1982

La Verne Ausman
Secretary

801 West Badger Road
P.O. Box 8911
Madison, Wisconsin 53708
608 266-1721

Mr. [REDACTED]

Dear Mr. [REDACTED]

The complaint which you initially filed with the Department of Justice regarding a defective air compressor has been referred to us for review.

Because the problems you have encountered are of a nature that are not addressed by this Department, I am taking the liberty of forwarding your letter to the U.S. Consumer Product Safety Commission office in Chicago. I am sure they will be contacting you soon to advise you if they can be of assistance to you. Because this Department cannot act as your attorney and the action taken by any government agency may not necessarily resolve your problem, I would suggest that you contact a private attorney in regard to protecting your rights if you intend to pursue this matter further.

While we are not able to help you with this particular problem, we will keep your complaint on file in the event a situation may arise whereby this Department can take enforcement action.

Very truly yours,

Wallace S. Koslo
Madison Regional Supervisor
CONSUMER PROTECTION DIVISION

WSK/T1/30/D2

cc: U.S. Consumer Product Safety Commission

Wis. Dept. of Justice
Consumer Protection Unit
114 East State Capital
Madison, Wi. 53702

APR - 7 1982

Dear Sirs:

We are writing in reference to an air compressor that exploded on Mar. 4, 1982. We purchased this air compressor in Sept. 1981. This unit was manufactured by Sanborn Mfg. Co. Inc., 118 W. Rock St., Springfield, Mo. 65807, Gerald Kretsch pres., Tel. no. 501-723-6211 and retailed thru Farm & Fleet Stores. The model no. is 84 A100-22, Serial no. 11298, 22 gal tank - 180 lbs Max. pressure, C.F. 8.4, 1 H.P Motor, R.P.M. 1725, Switch setting - 100 lbs - 125 lbs.

Apparently the cause of air compressor exploding was due to automatic switch control malfunction. The compressor tank did not have a safety relief valve installed. The entire unit was completely demolished. The building it was in sustained major damage as well as a vehicle in building. I happen to be near compressor when it exploded and suffered injury to left eye, resulting in loss of vision and

other facet and need injuries.

We are in the business of farming, the compressor was used to inflate tires on farm equipment used on our farm.

We were wondering if perhaps there were other cases like this with this type of compressor, this same compressor is being sold in Farm & Fleet Stores at present but this model has safety relief valve installed on tank.

We would appreciate any comments you have and perhaps you could instruct us where we could have an impartial examination and test of what remains of our compressor to determine why it exploded.

Thank you,

Sincerely Yours,



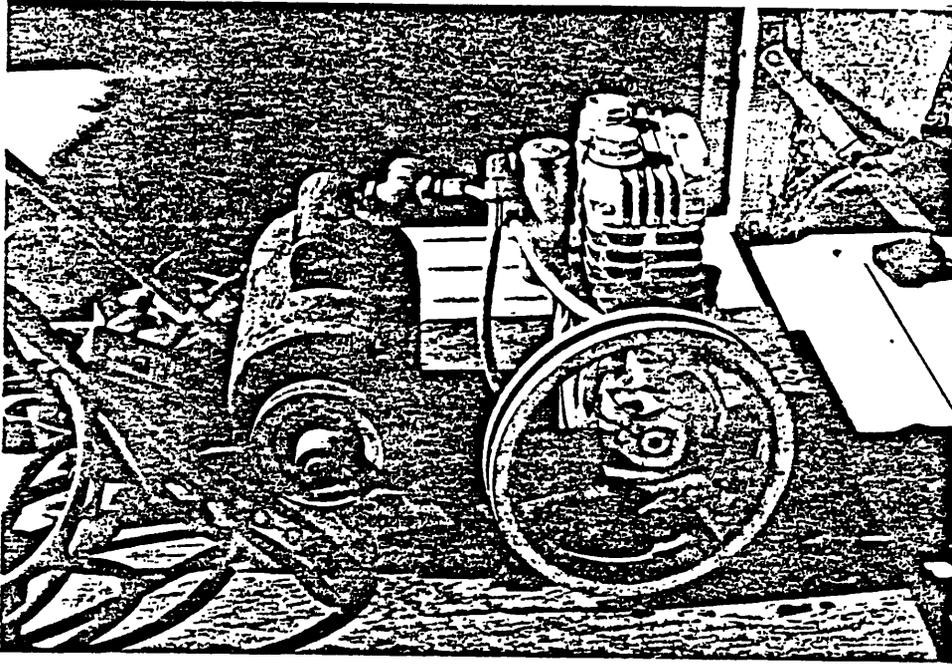


Photo No. 3
Another view of the motor
and pump

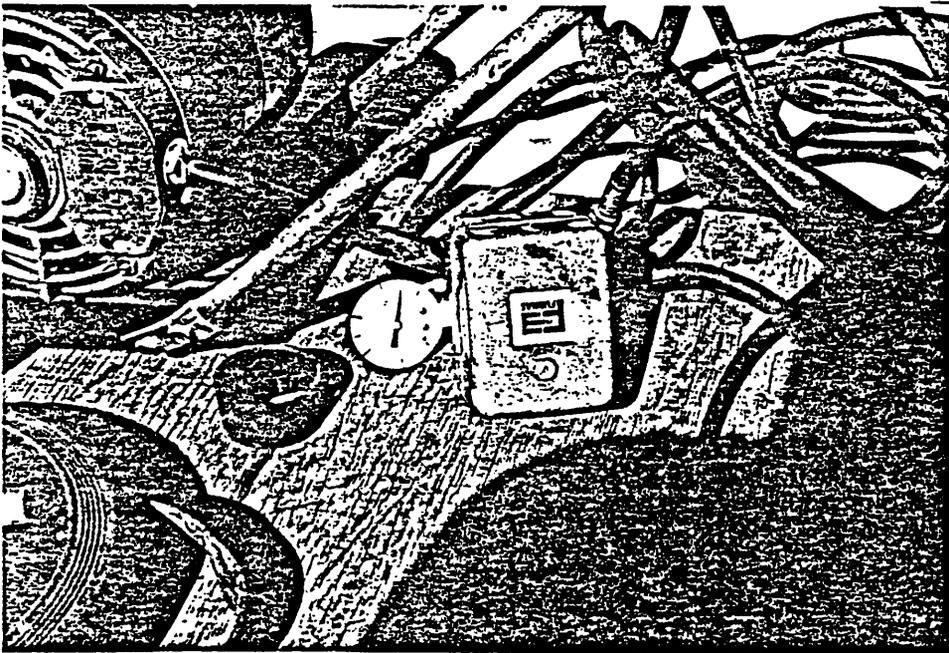


Photo No. 4
View of pressure regulator
and gauge. The bezel was
blown off by the force of
the explosion. -



CONSUMER PROTECTION DIV.

Product Safety

OFFICE OF CONSUMER PROTECTION • P.O. BOX 7856 • MADISON, WISCONSIN 53707 • TELEPHONE 608/266-1852

April 27, 1982

Mr. Tom Crist
Department of Agriculture, Trade
and Consumer Protection
Consumer Protection Division
801 West Badger Road
Madison, Wisconsin 53702

4F
File # 82040200

Re: [REDACTED] Sanborn Manufacturing Co., Inc.

Dear Mr. Crist:

Enclosed is a complaint we received which appears to be of a nature that should be reviewed by your agency.

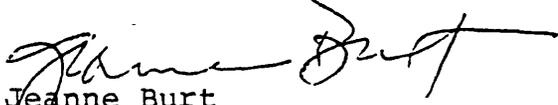
Would you kindly have a member of your staff review this complaint to determine whether there has been a violation of any of the laws that you administer. - Please advise us in writing of the outcome of your handling of this complaint.

By copy of this letter, we are advising the complainant that we are referring this complaint to your agency for review.

Thank you for your cooperation.

Sincerely,

Stephen J. Nicks
Assistant Attorney General


Jeanne Burt
Complaint Processing Coordinator

Enclosure

cc: Mr. [REDACTED]

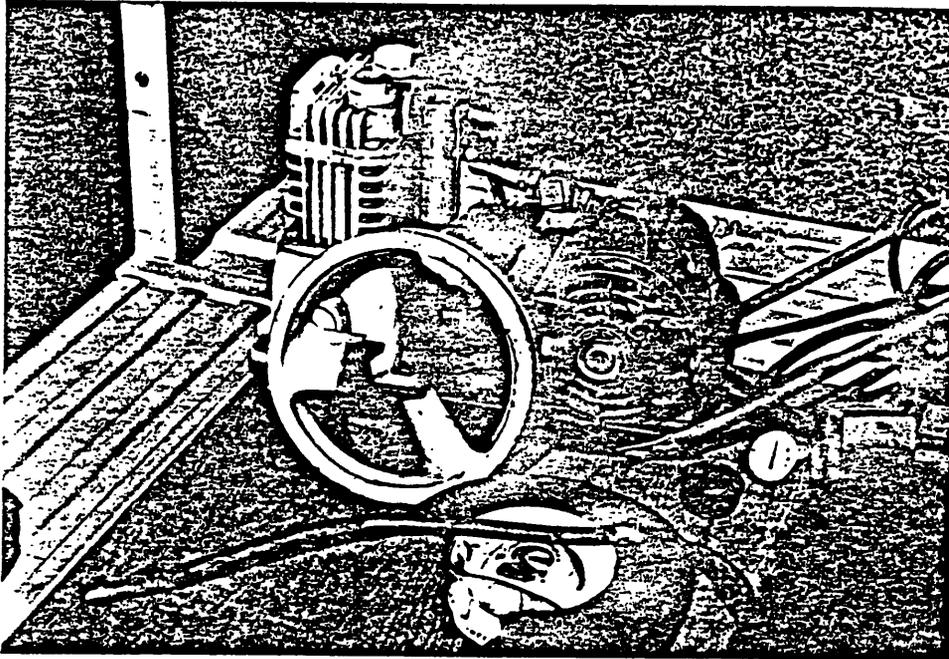


Photo No. 1
overall view of the pieces
of the compressor that re-
mained after the explosion,
with the exception of the
air tank. The bent axle and
one damaged wheel are in the
foreground. The shattered
pulley is from the pump.

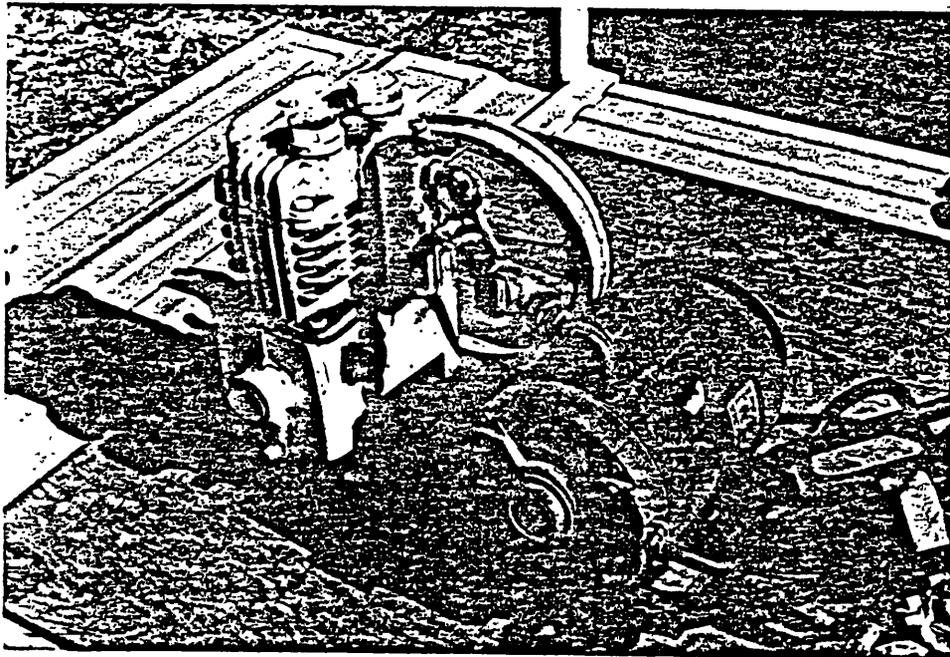


Photo No. 2
A closer view of the same
side of the compressor. The
pump pulley is placed in
the approximate position
where it was prior to the
explosion.

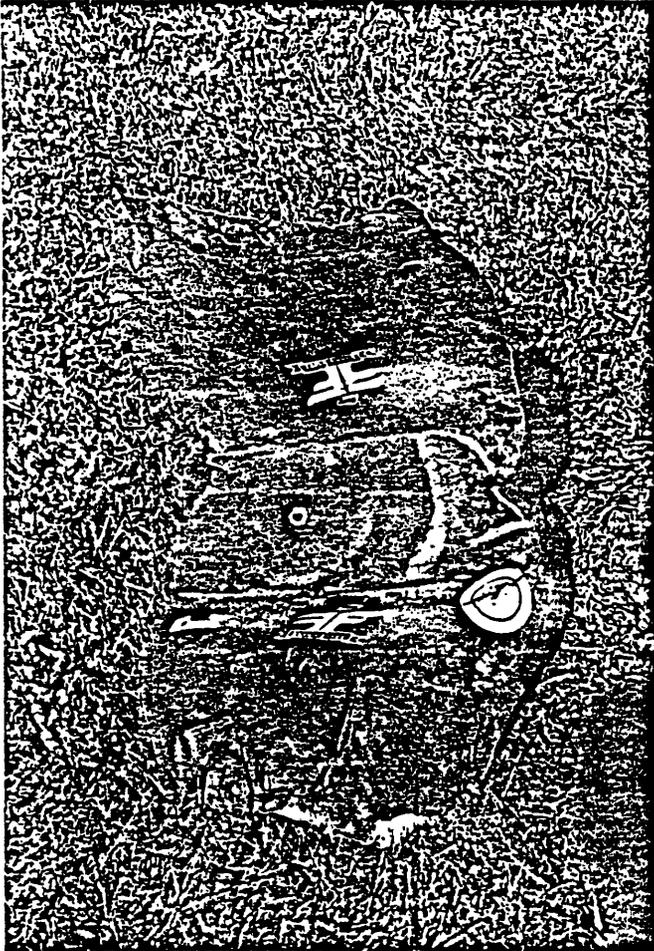


Photo No. 5
Remains of compressor air tank. The flattened section in the center of the picture was the top of the tank where the motor and pump platform was located. The drain plug can be seen at the upper right corner.

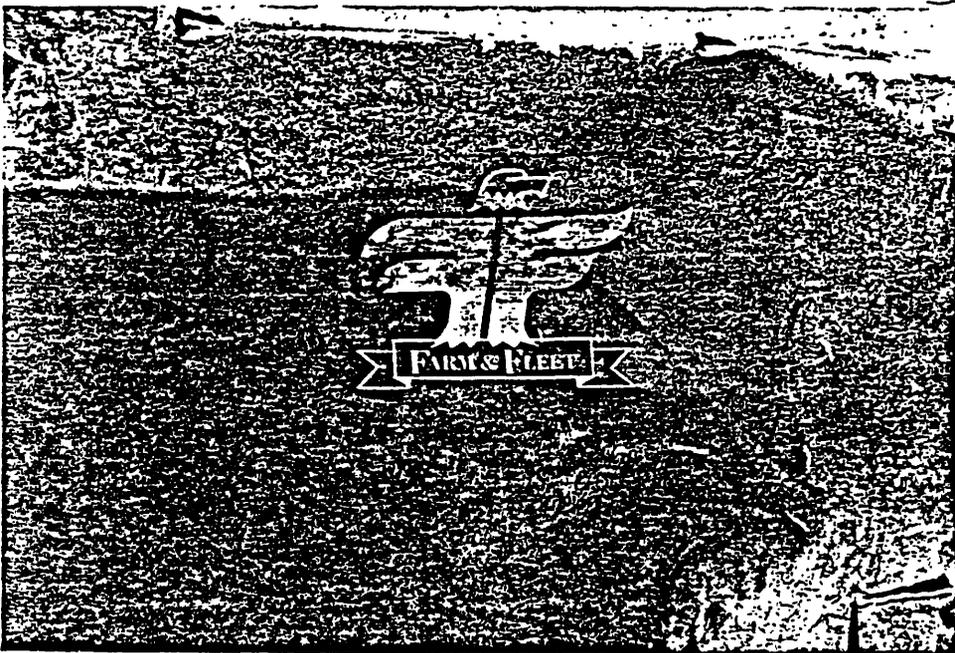


Photo No. 6
Closeup of the distributor's label on the tank. The two metal projections at the top of the photo are weld attachments for the platform.

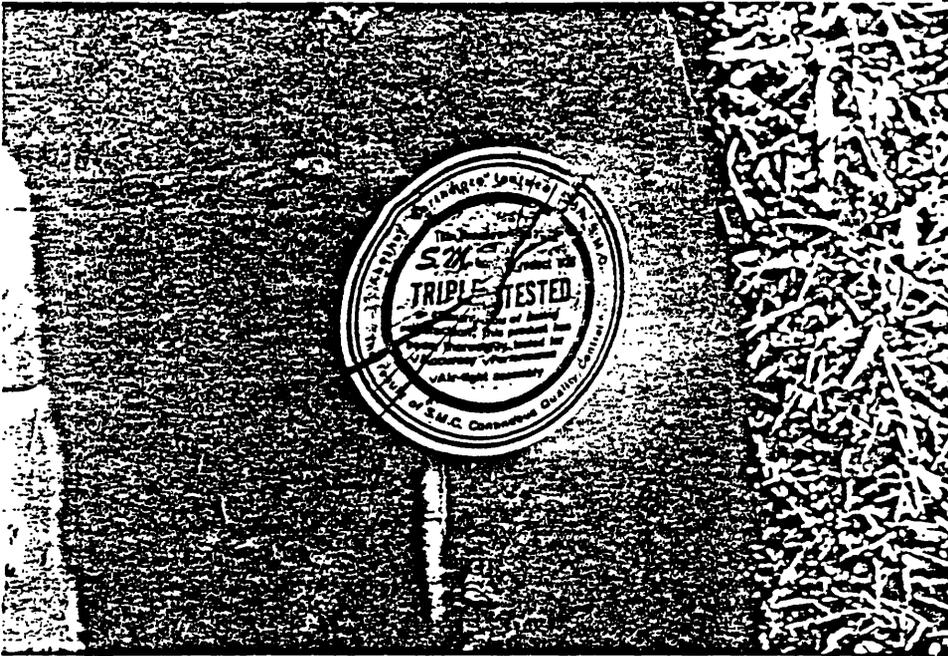


Photo No. 7
Manufacturer's label regarding quality control testing.

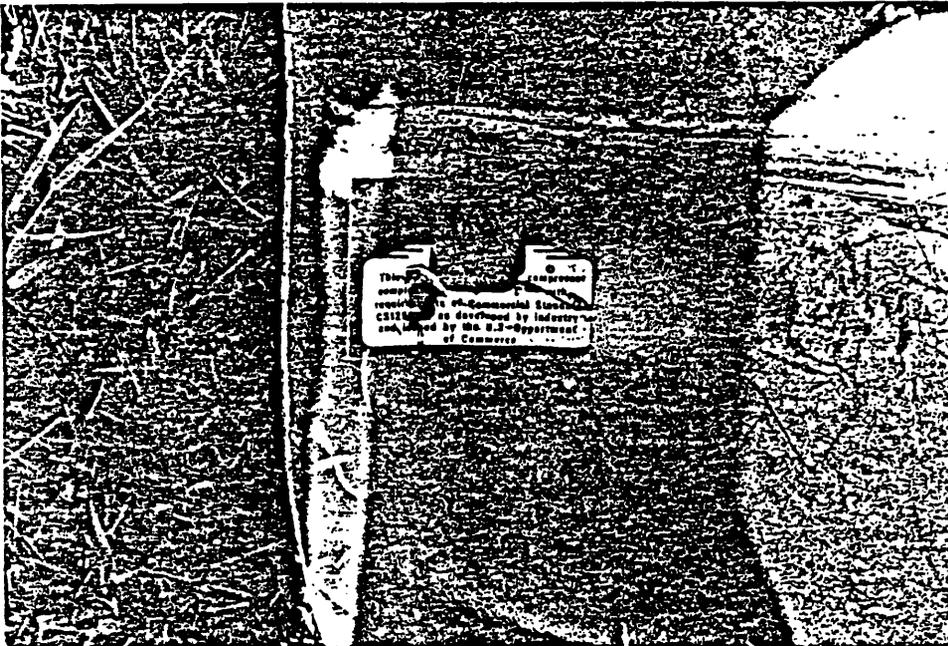


Photo No. 8
Manufacturer's label certifying compliance with U.S. Dept. of Commerce standard and membership in the Air Compressor Research Council.