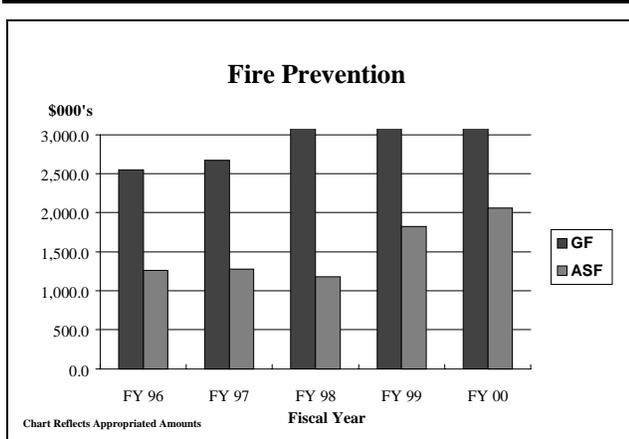
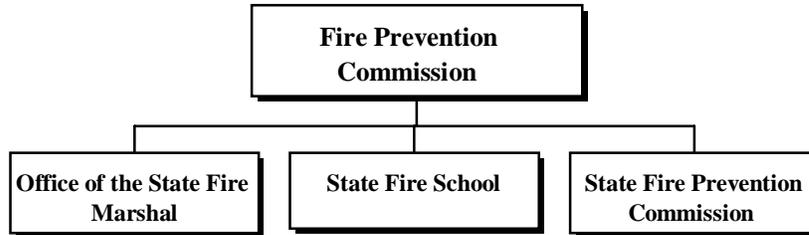


# FIRE PREVENTION COMMISSION

## 75-00-00



### BUDGET

	FY 1998 ACTUAL	FY 1999 Budget	FY 2000 GOV. REC.
GF	3,283.1	3,564.5	3,619.7
ASF	1,179.0	1,827.6	2,059.3
<b>TOTAL</b>	<b>4,462.1</b>	<b>5,392.1</b>	<b>5,679.0</b>

### POSITIONS

	FY 1998 ACTUAL	FY 1999 BUDGET	FY 2000 GOV. REC.
GF	40.3	41.8	41.8
ASF	25.7	26.2	28.2
NSF	--	--	--
<b>TOTAL</b>	<b>66.0</b>	<b>68.0</b>	<b>70.0</b>

## FY 2000 BUDGET HIGHLIGHTS

### OPERATING BUDGET:

- ◆ Recommend for the Office of the State Fire Marshal \$10.0 for computer maintenance and license renewals. Recommend \$70.0 ASF for 2.0 FTEs, Supervisor and Technician for Sussex Plan Review; \$75.0 ASF for Plan Review computer software enhancement; and \$50.0 ASF for contractual employees to monitor fire code compliance.

Recommend \$60.0 one-time funding in the Budget Office's Contingency for computerization to provide data base information for fire investigation, code enforcement, permitting and licensing, citizen complaint activity, and regulatory information.

- ◆ Recommend one-time funding in the Budget Office's Development Fund to develop a computerized system to replace the current Fire School student system.

### CAPITAL BUDGET:

- ◆ Recommend \$100.0 for the construction of three equipment sheds. These sheds will be located at each of the three state fire training centers.
- ◆ Recommend \$135.0 to continue the scheduled replacement of volunteer fire company rescue tools. The companies that are scheduled to receive rescue tools during FY 2000 are Newark, Cranston Heights, Holloway Terrace, Minquas, Odessa, North Bowers, Camden/Wyoming, Cheswold, Frederica, Houston, Bethany, Blades, Dagsboro, Indian River, Lewes, Millsboro, Millville, and Selbyville Fire Companies.

# FIRE PREVENTION COMMISSION

75-00-00

## OFFICE OF THE STATE FIRE MARSHAL 75-01-01

### MISSION

To provide the citizens of this State and all who visit, a fire safe environment, be it in the home, the workplace or wherever they pursue their varied lifestyles or interests.

### KEY OBJECTIVES

- Achieve the desired end result in the investigation of fire and arson incidents; identify cause and origin; identify and apprehend individuals responsible for criminal burnings; assist and support prosecution.
- Achieve desired end result in the code enforcement and regulatory program; analysis of condition; decision for corrective action if needed; violations and deficiencies identified; correction within specific time frames.
- Maintain a user friendly and timely process to be of assistance to the public with their needs of the agency; timely and effective responses to complaints and inquiries; efficient and productive action on plan review and approvals.
- Full implementation of the Certificate of Inspection Program for fire protection systems; Certificate of Inspections received on a scheduled basis with random system "audits" conducted within 90 days of receipt of a certificate; immediate for major system problems.
- Full implementation of the Delaware Fire Incident Reporting System (DFIRS); all 60 fire departments reporting valid data.
- Ensure that administrative functions are carried out meeting quantity, quality and time parameters for inter-agency and intra-agency needs.
- Enhance level of professional and technical education for staff.
- Implement a fire and arson evidence analysis capability with the State Forensics Laboratory of the State Medical Examiner.
- Continue to promote the adoption of reasonable standards and regulations that bring about a level of life safety and property conservation which are not oppressive in nature nor overly restrictive.

### BACKGROUND AND ACCOMPLISHMENTS

The Office of the State Fire Marshal, established in 1953, functions as an independent state agency under the State Fire Prevention Commission, which promulgates the State Fire Prevention Regulations, and are enforced by the Office of the State Fire Marshal. As the law enforcement agency charged by state statute with the suppression and investigation of arson, the Office of the State Fire Marshal provides the lead role in fire and arson investigations state-wide. The Office of the State Fire Marshal is charged with assisting the chief of any fire department on request, inspections and code enforcement in health care facilities, educational occupancies, public assembly, public accommodations, flammable and combustible liquids, flammable gases, explosives, amusement rides and fire works.

The following is a list of several major accomplishments during the last four fiscal years.

- Passage of Senate Bill 250, requires owners of all residential occupancies to install smoke detectors, applies to new and existing buildings. Effective date of legislation, July 8, 1993.
- Fire safety and public education programs given to the public to ensure awareness of fire safety issues.
- The distribution of over 500 smoke detectors to families in need.
- The distribution of over 500 smoke detectors to the families of "Newborn Children" in participating Delaware hospitals during the month of May 1995.
- Developed a program to track and document "Saves" that come about as a result of good fire prevention practices, such as the Smoke Detector Law.
- Passage of regulations requiring fire alarm and fire suppression system installers to be certified and licensed by the State.
- House Bill 455, enacted in June 1994, provides an oversight of licensed vendors for all fire protection systems within the State of Delaware. A \$25 fee will be charged for each Certificate of Inspection on each individual system.
- The appointment of a full time Juvenile Firesetter Intervention Program Manager on February 16, 1993. The goal of the program is to prevent firesetting behavior in children and adolescents, thereby breaking the possible escalation to more problematic behavior in later years. During the last five years the Program Manager has conducted 1537 interviews with children and their parents. He also has conducted over 149 exhibits at fairs and

# FIRE PREVENTION COMMISSION

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open houses coming in contact with approximately 110,000 citizens of Delaware.

- Establishment of the "Major Incident Response Team", "M.I.R.T.". The team, consisting of five agency members, are activated to investigate loss of life incidents and major property loss fires.
- Funding for three additional Deputy Fire Marshals. These positions will enhance the capabilities for code enforcement and life safety inspections and fire investigations.
- Funding for video camcorders to improve capabilities to make a permanent record of fire scenes, thereby enhancing investigative resources.
- The replacement of an arson van which is used on fire scenes for the identification, recovery, preservation and analysis of evidence.
- The construction of an evidence storage building in Georgetown to ensure the proper handling and security of evidence.
- Developed and delivered an awareness program to the Delaware Fire Service, "Arson by Firefighters, A Program for Prevention."
- The promulgation of bungee jumping regulations on March 30, 1993. A result of passage of House Bill 654 on July 14, 1992.

## BUDGET

	FY 1998 ACTUAL	FY 1999 BUDGET	FY 2000 GOV. REC.
GF	1,242.5	1,639.1	1,686.1
ASF	1,156.6	1,720.1	1,951.8
<b>TOTAL</b>	<b>2,399.1</b>	<b>3,359.2</b>	<b>3,637.9</b>

## POSITIONS

	FY 1998 ACTUAL	FY 1999 BUDGET	FY 2000 GOV. REC.
GF	21.3	22.8	22.8
ASF	25.7	26.2	28.2
NSF	--	--	--
<b>TOTAL</b>	<b>47.0</b>	<b>49.0</b>	<b>51.0</b>

## ACTIVITIES

- Prevent fires.
- Regulate safety in the storage, sale and use of any explosive, combustible or other dangerous article in solid, liquid or gas form.
- Ensure that the installation and maintenance of equipment of all sorts intended for fire control, detection and extinguishment meets specification.
- Determine the means and adequacy of exits, in case of fires, from buildings and all other places in which numbers of persons work, live or congregate from time to time for any purpose.

- Suppress arson.
- Assist the chief officer of any fire department upon request of the chief.
- Assist the municipal Assistant State Fire Marshals, as identified in the Delaware Code in support of fire investigations and technical questions relative to the State Fire Prevention Regulations.
- Assist any local government that does not have a Fire Marshal or fire authority with code and regulatory problems stemming from local conditions and concerns.
- Enforcement of the State Fire Prevention Regulations.
- Analyze the need for additions or amendments to the State Fire Prevention Regulations. Prepare such information and recommend the appropriate action to the State Fire Prevention Commission.
- Conduct the Juvenile Firesetter Intervention Program.
- Conduct plan reviews and approval for all buildings and structures undergoing construction, alterations or renovations to ensure compliance with nationally recognized standards and practices relating to fire safety and property conservation.
- Administers the Amusement Ride Safety Act, Title 16, Chapter 64, Delaware Code.
- Assist all required occupancies and the owners thereof in meeting compliance with the Smoke Detector Law.
- Be the mechanism for the reporting, analysis and dissemination of fire incident statistical data from the 60 fire departments in the State.
- Enhance the level of public awareness regarding fire prevention, life safety by providing displays and informational materials at public events such as the Delaware State Fair, etc.
- Provide the best in service to the public within the parameters of funds available, effectively and efficiently.
- Assist various segments of business and industry in their efforts in providing goods, services and buildings that are fire safe where the public gathers.
- Assist the owners of existing occupancies with compliance with the State of Delaware Smoke Detector Law.
- Identify specific target occupancies for inspections and surveys that develop more than a casual fire incident history or have special requirements with respect to life safety and property conservation.
- Respond to citizen complaints or inquiries relative to life safety or property conservation concerns for the following occupancies.

# FIRE PREVENTION COMMISSION

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### Six Year Totals

#### Fire Investigations

Criminal	2024
Accidental	3125
Pending	576
Supplemental	2793
Total	8518

#### Arrests

Persons Arrested	587
Charges Placed	1056
Incidents Cleared By Arrest	506 Or 26.5%

The National Average Is Below 20% Of Cleared By Arrest.

#### Inspections

Total Inspections	10160
Complaints	3144
Violations/Issued	5981
Day Care	1589
Health Care	740
Educational	749

### PERFORMANCE MEASURES

Achieve desired end result in the investigation of fire and arson incidents; identify cause and origin.

Achieve desired end result in code enforcement and regulatory program; violations identified, corrected within specific time parameters.

Respond to all citizen complaints within 48 hours of receipt.

Respond to all inquiries made by a fire chief within 48 hours of receipt.

Provide plan review information and approvals within the following parameters: Quik-Chek/ preliminary approvals; turn around for approvals, ten days; 5-day notice for final inspection; and 48-hour response to inquiry.

Process upon receipt all plan submissions for which: (1) The State Fire Prevention Regulations do not impact and (2) The State Fire Prevention Regulations have minimal impact and do not require a final inspection prior to a building authority issuing a Certificate of Occupancy; as a public service in order to streamline the approval process and to have the client move forward with their respective projects, which reduces time and costs.

Inspect all schools on an annual basis.

Inspect and certify all health care facilities on an annual basis.

Inspect all facilities of the Department of Correction on a three-year program.

Provide "real time" response to all requests for fire and arson investigations with a Deputy Fire Marshal being en route within 15 minutes of being notified.

Provide recommendation to the State Fire Prevention Commission for amendments, updating to the State Fire Prevention regulations at the October meeting of the Commission each year.

Ensure delivery of Fire Officer Orientation Program to newly elected fire officials in each fire department.

# FIRE PREVENTION COMMISSION

## 75-00-00

### STATE FIRE SCHOOL 75-02-01

#### MISSION

The mission of the State Fire School is mandated by Title 16, Chapter 66, §6613-6618, Delaware Code, and instructs the Delaware State Fire School to:

- Provide firefighters with needful professional instruction and training at a minimum cost to them and their employers;
- Develop new methods and practices of firefighting;
- Provide facilities for testing firefighting equipment;
- Disseminate the information relative to fires, techniques of firefighting and other related subjects to all interested agencies and individuals throughout the State; and,
- Undertake any project and engage in any activity which, in the opinion of the State Fire Prevention Commission, will serve to improve public safety.

On July 1, 1972, the State Fire Prevention Commission was also given the mandate under Title 16, Chapter 67, §6708-6714, Delaware Code, to regulate the ambulance service in Delaware. The commission assigned the added duties to the State Fire School of inspecting and licensing ambulances and the training and certifying of ambulance personnel.

#### KEY OBJECTIVES

- Provide firefighters with necessary professional instruction and training.
- Provide ambulance personnel with necessary professional instruction and training.
- Provide rescue personnel with necessary professional instruction and training.
- Certify and re-certify ambulance attendants.
- License ambulances.
- Provide agency, institutional and industrial personnel and the general public with necessary professional instruction and training.
- Disseminate information relative to fires, techniques of firefighting and other related subjects to all agencies and individuals throughout the state.
- Develop new methods and practices of firefighting.
- Provide facilities for testing firefighting equipment.

#### BACKGROUND AND ACCOMPLISHMENTS

In order to more effectively manage the State Fire School's training and education program, services for specific target audiences have been identified: (1) program services for firefighters and fire officers; (2) program services for ambulance and rescue personnel; (3) program services for state agencies, institutions, industrial personnel and the general public.

Since its inception in 1964, the State Fire School has been sensitive to the need for quality training and education in the fire prevention and control effort and has been continually responsive to that need. As the demand for programs and services increases, so does the need to select and qualify additional instructional personnel.

Strong emphasis is placed on improving the instructor development program for the part-time personnel. Instructor candidates are trained in instructional methodology and then trained to teach specific subject areas. Active instructors are cross-trained in high priority subject areas to help the school meet its program service demands as well as improving the individual's professional ability. All instructors are required to attend improvement seminars as scheduled by the Fire School in order to maintain their certification.

Continued emphasis is placed on planning and evaluation. Existing courses of instruction are reviewed and revised, as necessary, to assure their content is current and consistent with new concepts and techniques.

In addition to conducting the normally scheduled activities and meetings, honoring special requests for programs and services, progress continues to be made towards improving program quality. Emphasis on improving program management and monitoring costs analysis has improved program quality and cost-effectiveness.

#### BUDGET

	FY 1998 ACTUAL	FY 1999 BUDGET	FY 2000 GOV. REC.
GF	1,780.3	1,609.6	1,622.5
ASF	23.0	100.0	100.0
<b>TOTAL</b>	<b>1,803.3</b>	<b>1,709.6</b>	<b>1,722.5</b>

#### POSITIONS

	FY 1998 ACTUAL	FY 1999 BUDGET	FY 2000 GOV. REC.
GF	18.0	18.0	18.0
ASF	--	--	--
NSF	--	--	--
<b>TOTAL</b>	<b>18.0</b>	<b>18.0</b>	<b>18.0</b>

# FIRE PREVENTION COMMISSION

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## ACTIVITIES

**Continuing Projects.** Major projects previously planned or instituted which will continue in FY 2000:

- Continue the delivery of the 12-hour Crew Leader course to bridge the gap from firefighter to junior fire officer.
- Continue the testing program for certification of fire service personnel under the National Professional Qualification System.
- Continue the revised courses for Basic Firefighting Skills, Structural Firefighting Skills, Hazardous Materials Response Skills, and the Company Officer Course.
- Continue the testing program for Fire Alarm and Fire Protection Systems Installers as required by the State Fire Code.
- Continue development and delivery of new module to the Fire Company Management Course for the administrative and operational officers as a series of stand-alone seminars.
- Continue the design, development and presentation of continuing education programs for fire department officers, firefighters and emergency care providers; fire safety education programs for the general public; continuing education programs to enhance the expertise and improve the professionalism of the part-time instructional staff; and, continuing education programs for agency, industrial and institutional personnel.
- Provide continuing education credits for State Emergency Medical Technicians.
- Provide required annual cardio-pulmonary resuscitation and semi-automatic external defibrillator certification and recertification for all State Emergency Medical Technicians.
- Maintain the computerized hazardous material Delaware Emergency Response Information Network (DERIN) to support the fire service and the State Emergency Response Team (SERT).
- Maintain the State Fire School's professional staff in a state of readiness to respond to, and serve effectively on, the State Emergency Response Team (SERT), as well as the Delaware Emergency Operations Plan (DEOP) and the state's Radiological Emergency Plan (REP).
- Delivery of the menu of fire safety topics for the Fire School tours for the various grade levels: (1) preschool; (2) K-2nd grade; (3) 3rd-6th grade; (4) middle school; and (5) high school.
- Continue to support the Delaware Children's Fire Safety Foundation efforts to implement the Learn

Not To Burn program throughout the schools in Delaware in conjunction with the local fire companies.

- Continue the Delaware State Fire School Recognition Program for firefighters and fire officers.
- Continue delivery of the Confined Space Rescue Course for fire service and industrial personnel.
- Continue delivery of the three hour in-service Arson Awareness course for firefighters in conjunction with the Office of the State Fire Marshal.
- Deliver the revised industrial program as recommended by industrial fire and safety supervisors.
- Revise and upgrade the Delaware State Fire School computerized Management and Operations System.
- Continue the development, production and presentation of the Memorial Service Programs for the Delaware Volunteer Firemen's Association Annual Conference.
- Design and develop the Hazardous Materials Technician training area to enhance the "hands on" training.
- Schedule and deliver a series of Wildfire related courses.

**New Projects.** Major projects or programs to be initiated or implemented during Fiscal Year 1999 and continued in Fiscal Year 2000 include:

- Begin operations in the New Castle County regional fire training center.
- Implement night shift and weekend staffing of the New Castle Division to accommodate the in-service training needs of the New Castle County volunteer fire service.
- Develop continuing education program for Emergency Medical Technicians.
- Develop new First Responders Course.
- Expand partnership with Christiana Hospital for EMT training.
- Participate in Associates of Arts Emergency Management Degree with Delaware Technical & Community College.
- Delivery of Delaware Tech course curriculum through Fire School system in all three counties.
- Total rehabilitation of drill tower.
- Establish a rotating audio/visual technology replacement policy.
- Design and construct new Fire Safety Training Center at Dover.

# FIRE PREVENTION COMMISSION

## 75-00-00

- Implementation of Y2K compliant upgraded computer system.
- Continuation of Arson and Terrorism training.
- Continue upgrade of drillground training facilities.
- Continuation of Introduction to Emergency Services program to help meet fire service recruiting needs.

### PERFORMANCE MEASURES

	FY 1998 Actual	FY 1999 Budget	FY 2000 Gov. Rec.
# programs	737	800	800
# students - fire/rescue	5,634	6,500	6,500
# students – EC	*2,561	550	550
# students in-state – industry	152	225	225
# students out-of-state – industry	253	300	300
# students - Haz. Mat. Tech Program	491	250	500
# fire safety programs	277	220	300
# fire safety attendance	28,351	28,500	29,000

*\*Upgrade in training requirements greatly increased student numbers for one year.*

Programs are delivered to those persons who are directly responsible for the safety of life and property of the citizens of Delaware. Those persons in fire companies, industry, agencies and institutions, citizens of the State will be properly trained and educated to reduce the risk of injury or deaths as well as reduce the risk of injury or damage to property.

Approximately 500 new firefighters are trained each year with an average of 90 percent finishing basic training.

The volunteer ambulance service delivers 95 percent of the basic life support service provided in the State. The law requires that they are trained and certified in the State. There are approximately 150 new ambulance attendants trained annually and 1,350 are re-certified.

Also trained are primary members (fire/rescue liaison and coordinators), consultants and advisors for the SERT plan. Numerous training courses at the training center are provided for safety personnel and employees of state agencies; public and private custodial care facilities and other institutions; state and municipal officers; and correctional department guards. Included also are fire safety programs, extinguishers, evacuation planning, first aid and safety.

Fire safety programs such as characteristics of fire, home fire hazards, flammable liquids and gases, smoke detectors, fire escape planning to senior centers, day care facilities, schools and adult groups are offered throughout the State.

## STATE FIRE PREVENTION COMMISSION

### 75-03-01

### MISSION

The mission of the State Fire Prevention Commission is mandated by Title 16, Chapter 66, Delaware Code, as follows:

- The Commission shall have the power to promulgate, amend and repeal regulations for the safeguarding of life and property from hazards of fire and explosion.
- Prior to promulgation, the Commission shall hold at least one public hearing on each regulation, amendment or repeal and shall have the power to summon witnesses, documents and administer oaths for the purpose of giving testimony.
- The Commission shall appoint the State Fire Marshal and the Fire School Director. The Commission shall have complete jurisdiction and management over the State Fire School.
- The Commission shall have power to authorize new fire companies or substations; resolve boundary and other disputes; and prohibit cessation of necessary fire protection services.
- The Commission is empowered to enforce its orders in the Court of Chancery.
- Ensure a high level of public safety for the safeguarding of life and property from the hazards of fire and explosion.
- Basic Life Support authority from recent legislation.

### KEY OBJECTIVES

- Promulgate, amend and repeal fire safety regulations to ensure a high level of public safety. Currently this includes the State Fire Prevention Regulations, State Fire Service Standards and State Ambulance Service Regulations.
- Provide a direct liaison between state government and the statewide volunteer fire service.
- Oversight of statewide basic life support ambulance service.
- Inspection and licensing of Basic Life Support and Advanced Life Support ambulances.
- Certification of ambulance attendants and emergency medical technicians.

# FIRE PREVENTION COMMISSION

## 75-00-00

### BACKGROUND AND ACCOMPLISHMENTS

The State Fire Prevention Commission is responsible for developing the fire policy information base. The Commission has the authority to promulgate, amend and repeal regulations for the safeguarding of life and property from the hazards of fire and explosion. This includes the State Fire Prevention Regulations, State Fire Service Standards and State Ambulance Service Regulations. It is the responsibility of the State Fire Marshal to review the Delaware State Fire Prevention Regulations on an annual basis, reporting findings and any recommended changes to the Fire Commission at its October meeting. These are reviewed and updated every three years with the most recent update currently under review. Effective July 1, 1995, Live Fire Training Regulations and Burn Regulations were adopted by the Commission, becoming a part of the regulations. Effective July 30, 1997, the State Ambulance Service Regulations were adopted by the Commission.

### BUDGET

	FY 1998 ACTUAL	FY 1999 BUDGET	FY 2000 GOV. REC.
GF	260.8	315.8	311.1
ASF	--	7.5	7.5
<b>TOTAL</b>	<b>260.8</b>	<b>323.3</b>	<b>318.6</b>

### POSITIONS

	FY 1998 ACTUAL	FY 1999 BUDGET	FY 2000 GOV. REC.
GF	1.0	1.0	1.0
ASF	--	--	--
NSF	--	--	--
<b>TOTAL</b>	<b>1.0</b>	<b>1.0</b>	<b>1.0</b>

### ACTIVITIES

- Provide the vital link between the fire service and the Executive Branch of government.
- Provide a technically competent code-making body.
- Provide funding for a statewide fire safety education program.
- Provide funding for extraordinary expenses incurred by fire companies in the State.
- Implement statewide Fire Safety Strategy and Policy.

### PERFORMANCE MEASURES

	FY 1998 Actual	FY 1999 Budget	FY 2000 Gov. Rec.
# meetings - monthly and special	15	18	15
# hearings - public, appeal, grievance	6	12	10
# commission committee meetings	9	8	8
# commission special interest functions	8	12	10
# fire service related functions	10	9	10
# emergency service functions	10	10	10
# special meetings	3	9	5
# conferences attended	7	12	7