

GENERAL ASSEMBLY OF NORTH CAROLINA  
SESSION 2009

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SENATE BILL 992  
House Committee Substitute Favorable 6/9/10  
House Committee Substitute #2 Favorable 6/15/10

Short Title: Pyrotechnics Operator's License.

(Public)

Sponsors:

Referred to:

March 26, 2009

1 A BILL TO BE ENTITLED  
2 AN ACT TO AMEND AND CLARIFY THE PYROTECHNICS TRAINING AND  
3 PERMITTING ACT.

4 The General Assembly of North Carolina enacts:

5 SECTION 1. G.S. 58-82A-1 reads as rewritten:

6 "§ 58-82A-1. (Effective February 1, 2010) State Fire Marshal establish pyrotechnic safety  
7 guidelines.

8 (a) Guidelines. – The Commissioner of Insurance through the Office of the State Fire  
9 Marshal, in consultation with the State Fire and Rescue Commission, must establish guidelines,  
10 testing, and training requirements for the following:

11 (1) Individuals who assist a display operator with the exhibition, use, handling,  
12 or discharge of pyrotechnics in connection with a concert or public  
13 exhibition authorized under Article 54 of Chapter 14 of the General Statutes.

14 (2) Individuals seeking to obtain a display operator ~~permit~~-license, proximate  
15 audience display operator license, or assistant display operator license under  
16 this Article.

17 (b) Definitions. – The definitions in G.S. 14-410 apply in this Article.

18 (c) Rule making. – The Commissioner may adopt rules to implement this Article."

19 SECTION 2. Article 82A of Chapter 58 of the General Statutes is amended by  
20 adding a new section to read:

21 "§ 58-82A-1A. Definitions.

22 The following definitions apply in this Article:

23 (1) Assistant display operator. – An individual who, under the supervision of the  
24 display operator, assists with the safety, setup, and discharge of a  
25 pyrotechnic display and who is licensed pursuant to this Article.

26 (2) Event employee. – An individual who works under the supervision of the  
27 display operator and who assists with the safety, setup, and discharge of a  
28 pyrotechnic display, but does not handle the pyrotechnic materials.

29 (3) Outdoor pyrotechnics display. – A pyrotechnic display that is outdoors and  
30 uses 1.4g, 1.3g, 1.2g, and 1.1g pyrotechnics and is a minimum of 75 feet  
31 from the audience in accordance with NFPA 1123.

32 (4) Pyrotechnics. – All fireworks not exempted by G.S. 14-414 and that are used  
33 for professional outdoor displays and classified as fireworks by UN033  
34 (1.1G), UN0334 (1.2G), UN0335 (1.3G), or UN0336 (1.4G) by the United  
35 States Department of Transportation under 49 C.F.R. 172.101.



- 1           (5) Pyrotechnics display operator. – An individual who is responsible for the  
2 safety, setup, and discharge of the pyrotechnic display, who is responsible  
3 for the supervision of personnel at the pyrotechnic display and who is  
4 licensed under this Article.
- 5           (6) Proximate audience display. – A display of pyrotechnics that occurs within a  
6 building or structure or that occurs outside before an audience within 75 feet  
7 of the pyrotechnics in accordance with NFPA 1126.
- 8           (7) Proximate audience display operator. – An individual who is responsible for  
9 the safety, setup, and discharge of the proximate audience display, and who  
10 is licensed under this Article.
- 11           (8) Supervision. – The direction and management of the activities of personnel  
12 in the safety, setup, handling, and display of an outdoor pyrotechnic display,  
13 a proximate audience display, or a flame effect display."

14           **SECTION 3.** Article 82A of Chapter 58 of the General Statutes is amended by  
15 adding a new section to read:

16 **"§ 58-82A-1B. Commissioner of Insurance to administer Article; rules; employees;**  
17 **evidence of Commissioner's action.**

18           (a) The Commissioner shall have full power and authority to administer the provisions  
19 of this Article, which establishes guidelines for the use, handling, exhibiting, or discharge of  
20 pyrotechnics in connection with a concert or public exhibition, as allowed under Article 54 of  
21 Chapter 14 of the General Statutes, and to license and regulate pyrotechnic operators. The  
22 Commissioner shall adopt any rules necessary to enforce the purposes and provisions of this  
23 Article.

24           (b) Any written instrument purporting to be a copy of any action, proceeding, or finding  
25 of fact by the Commissioner, or any record of the Commissioner authenticated under the head  
26 of the Commissioner by the seal of the Commissioner's office, shall be accepted by all courts of  
27 this State as prima facie evidence of the contents thereof."

28           **SECTION 4.** Article 82A of Chapter 58 of the General Statutes is amended by  
29 adding a new section to read:

30 **"§ 58-82A-2A. Require licenses.**

31           (a) No person shall obtain a pyrotechnics permit under Article 54 of Chapter 14 of the  
32 General Statutes unless the person possesses the appropriate license, as provided by this  
33 Article.

34           (b) An applicant for a license authorized by this Article shall apply on forms supplied  
35 by the Commissioner. The Commissioner shall inquire as to the applicant's qualifications and  
36 other matters relative to the applicant's fitness to be licensed or to continue to be licensed.

37           (c) When a license is issued under this section, the Commissioner shall issue to the  
38 licensee an identification card approved by the Commissioner. Each licensee must carry this  
39 card at all times when working in the scope of the licensee's employment. A licensee whose  
40 license terminates or is terminated shall surrender the identification card to the Commissioner,  
41 when requested by the Commissioner. The Commissioner may contract directly with persons  
42 for the processing and issuance of identification cards required by this section and may charge  
43 a reasonable fee in addition to the license fee in an amount that offsets the cost of the service,  
44 including the costs associated with the contract authorized by this subsection. Contracts entered  
45 into under this subsection shall not be subject to Article 3 of Chapter 143 of the General  
46 Statutes."

47           **SECTION 5.** Article 82A of Chapter 58 of the General Statutes is amended by  
48 adding a new section to read:

49 **"§ 58-82A-2B. Terms of licenses.**

50           A license issued to a pyrotechnics display operator, a proximate audience display operator,  
51 or an assistant display operator under this Article authorizes the licensee to act in that capacity

1 until the license is suspended, revoked, or not renewed. Upon the suspension or revocation of a  
2 license, or the failure to renew a license, the licensee shall return the license to the  
3 Commissioner. A pyrotechnics display operator's license, a proximate audience display  
4 operator's license, and an assistant display operator's license is valid for three years unless  
5 suspended or revoked and may be renewed every three years from the date of issuance upon  
6 payment of the applicable renewal fee."

7 **SECTION 6.** G.S. 58-82A-3 reads as rewritten:

8 "**§ 58-82A-3. (Effective February 1, 2010) Display operator ~~permit~~ license.**

9 (a) ~~Permit License Required.~~ – A display operator ~~permit~~ license issued by the State  
10 ~~Fire Marshal~~ Commissioner is required for an individual to obtain the necessary authorization  
11 under Article 54 of Chapter 14 of the General Statutes to exhibit, use, handle, manufacture, or  
12 discharge pyrotechnics at a concert or public exhibition in this State. A ~~permit~~ license issued  
13 under this section is valid for three years unless it is revoked by the ~~State Fire Marshal~~  
14 ~~Commissioner~~.

15 (b) Requirements. – The ~~State Fire Marshal~~ Commissioner may issue a display operator  
16 ~~permit~~ license to an individual if all of the following conditions are met:

17 (1) The individual is at least 21 years of age.

18 (2) The individual has assisted a display operator as an assistant display operator  
19 ~~in~~with the exhibition, use, or display of pyrotechnics at a concert or public  
20 exhibition, as allowed under Article 54 of Chapter 14 of the General  
21 Statutes, on at least three ~~occasions~~ occasions, or is a proximate audience  
22 display operator.

23 (3) The individual successfully completes the minimum training requirements  
24 established by the State Fire Marshal.

25 (4) The individual successfully passes an examination approved by the State  
26 Fire Marshal that demonstrates the individual has the knowledge to safely  
27 handle, store, and exhibit Class ~~1.3g and 1.4g~~ 1.4g, 1.3g, 1.2g, and 1.1g  
28 pyrotechnics or provides satisfactory evidence of current certification by a  
29 third party acceptable to the State Fire Marshal.

30 (5) ~~The individual pays an application fee not to exceed one hundred dollars~~  
31 ~~(\$100.00) and the cost of the examination.~~

32 (6) The individual has no violations of any provision of this Article or of any  
33 similar provision of any other state and submits an "Employer Possessor  
34 Letter of Clearance" issued to the individual by the Bureau of Alcohol,  
35 Tobacco and Firearms pursuant to 18 U.S.C. Chapter 40 or, if the Bureau of  
36 Alcohol, Tobacco and Firearms has not issued a Letter of Clearance to the  
37 individual, the individual signs a statement provided by the Commissioner  
38 affirming that the individual has not been convicted of violating 18 U.S.C.  
39 Chapter 40, Section 842(i).

40 (e) ~~Reciprocity.~~ – ~~The State Fire Marshal may issue a display operator permit to an~~  
41 ~~individual who holds a permit or certification issued by another state, provided the minimum~~  
42 ~~requirements of that state are at least equal to the minimum requirements under this section and~~  
43 ~~the person pays the application fee required under subsection (b) of this section.~~

44 (d) ~~Refusal and Revocation.~~ – ~~The State Fire Marshal may refuse to issue a permit or~~  
45 ~~may revoke a permit issued under this section if any of the following apply:~~

46 (1) ~~The display operator violates any provision of this Article.~~

47 (2) ~~The display operator violates any requirement of a permit issued under~~  
48 ~~G.S. 14-413.~~

49 (3) ~~The display operator fails to provide direct supervision and control over~~  
50 ~~individuals who assist the permit operator in handling, using, exhibiting, or~~  
51 ~~displaying pyrotechnics.~~

- 1           (4)    ~~The display operator is convicted of a crime under Article 54 of Chapter 14~~  
2           ~~of the General Statutes.~~  
3           (5)    ~~Another state revokes the permit or certification issued to that display~~  
4           ~~operator by that state."~~

5           **SECTION 7.** Article 82A of Chapter 58 of the General Statutes is amended by  
6 adding the following new sections to read:

7           "**§ 58-82A-4. Proximate audience display operator license.**

8           A proximate audience display operator license issued by the Commissioner is required for  
9 an individual to obtain the necessary authorization under Article 54 of Chapter 14 of the  
10 General Statutes to exhibit, use, handle, manufacture, or discharge pyrotechnics at a concert or  
11 public exhibition with a proximate audience display of pyrotechnics in this State. The  
12 Commissioner may issue a proximate audience display operator license to an individual who  
13 meets all of the following requirements:

- 14           (1)    Is at least 21 years of age at the time of application.  
15           (2)    Completes the training program approved by the Commissioner for  
16 pyrotechnic proximate audience display operators or another program which  
17 the Commissioner determines to be substantially equivalent.  
18           (3)    Successfully passes the written examination provided by the Commissioner.  
19           (4)    Submits evidence of active participation as a display operator in the safe  
20 performance of at least three displays or as an assistant display operator in  
21 the safe performance of at least three displays under the direct supervision of  
22 a display operator.  
23           (5)    Has no violations of any provision of this Article or of any similar provision  
24 of any other state and submits an "Employer Possessor Letter of Clearance"  
25 issued to the individual by the Bureau of Alcohol, Tobacco and Firearms  
26 pursuant to 18 U.S.C. Chapter 40 or, if the Bureau of Alcohol, Tobacco and  
27 Firearms has not issued a Letter of Clearance to the individual, the  
28 individual signs a statement provided by the Commissioner affirming that  
29 the individual has not been convicted of violating 18 U.S.C. Chapter 40,  
30 Section 842(i).

31           "**§ 58-82A-5. Assistant display operator license.**

32           (a)    No person shall assist a pyrotechnics display operator or a proximate audience  
33 display operator with the exhibition, use, handling, or discharge of pyrotechnics or pyrotechnic  
34 effects in connection with a concert or public exhibition authorized under Article 54 of Chapter  
35 14 of the General Statutes without an assistant display operator's license issued by the  
36 Commissioner.

37           (b)    The Commissioner may issue an assistant display operator license to an individual  
38 who meets all of the following requirements:

- 39           (1)    Is at least 18 years of age.  
40           (2)    Signs a statement provided by the Commissioner affirming that the  
41 individual has read and understands the pyrotechnics safety guidelines  
42 established by the Office of the State Fire Marshal.  
43           (3)    Successfully passes the written examination provided by the Commissioner.  
44           (4)    Has no violations of any provision of this Article or of any similar provision  
45 of any other state and submits an "Employer Possessor Letter of Clearance"  
46 issued to the individual by the Bureau of Alcohol, Tobacco and Firearms  
47 pursuant to 18 U.S.C. Chapter 40 or, if the Bureau of Alcohol, Tobacco and  
48 Firearms has not issued a Letter of Clearance to the individual, the  
49 individual signs a statement provided by the Commissioner affirming that  
50 the individual has not been convicted of violating 18 U.S.C. Chapter 40  
51 Section 842(i).

**"§ 58-82A-6. License fees.**

(a) A nonrefundable license fee of one hundred dollars (\$100.00) shall be paid by the applicant to the Commissioner at the time of each application for a pyrotechnics display operator license.

(b) A nonrefundable license fee of one hundred dollars (\$100.00) shall be paid by the applicant to the Commissioner at the time of each application for a license as a proximate audience display operator license.

(c) A nonrefundable license fee of thirty dollars (\$30.00) shall be paid to the Commissioner by the applicant with each application for a license as an assistant display operator.

**"§ 58-82A-7. Qualifications for event employees.**

(a) Notwithstanding the provisions of this Article, the Commissioner or the fire code official for the jurisdiction issuing the pyrotechnics permit under G.S. 14-413 may certify an individual as an event employee if the individual meets the following requirements:

(1) Is at least 18 years of age.

(2) Possesses and provides a valid drivers license or other state-issued identification card.

(3) Correctly passes an on-site examination administered by the Office of the State Fire Marshal or fire code official for the jurisdiction issuing the permit under G.S. 14-413 of five questions to test basic pyrotechnic safety knowledge.

(4) Provides written confirmation from the licensed display operator or proximate audience display operator that the event employee is working under the supervision of the operator and that the event employee will not handle the pyrotechnic materials. An event employee certification is valid only for the concert or public exhibition listed on the pyrotechnic permit and cannot be renewed.

**"§ 58-82A-8. Examination fees.**

(a) Each applicant for a license as a pyrotechnic display operator, a proximate audience display operator, or assistant display operator shall take a written examination approved by the Commissioner. The Commissioner may contract with a person to process, administer, and grade the examination in the same manner as for agent examinations under Article 33 of this Chapter. The Commissioner may charge a fee to offset the costs of the contract for examination services.

(b) The fee for the examination is ten dollars (\$10.00). The examination fee is nonrefundable.

**"§ 58-82A-9. Renewal fees.**

(a) To renew a license as a pyrotechnics display operator, a proximate audience display operator, or an assistant display operator, a licensee shall make application to the Commissioner upon the renewal application form provided by the Commissioner and attest that the statements made in the application are true, correct, and complete to the best of the individual's knowledge and belief. Failure to provide the attestation or providing untrue, incorrect, or incomplete statements shall be grounds for denial, suspension, or revocation of the license.

(b) Before approving the application for renewal, the Commissioner shall find that the licensee:

(1) Has not committed any act which is grounds for denial, suspension, nonrenewal, or revocation under this Article.

(2) Has not had administrative action taken against a pyrotechnics display operator's license or the equivalent, by this or any other state.

1           (3)   Has on at least three occasions participated in the use, handling, exhibiting,  
2           or discharge of pyrotechnics in connection with a concert or public  
3           exhibition pursuant to the terms of the license.

4           (4)   Has paid the applicable fees set forth in this Article.

5           (5)   Has completed a minimum of 12 hours of continuing education during the  
6           previous three-year period.

7           (c)   The renewal fee for a pyrotechnics display operator license and a proximate  
8           audience display operator license is sixty dollars (\$60.00) for each license renewed. The  
9           renewal fee for an assistant display operator license is thirty dollars (\$30.00).

10    **"§ 58-82A-10. Dual license holding.**

11           If any individual holds more than one license issued under this Article simultaneously, they  
12           are considered one license for the purpose of disciplinary actions involving suspension,  
13           revocation, or nonrenewal under this Article. Separate fees must be paid for each license.

14    **"§ 58-82A-11. Reciprocity.**

15           The Commissioner may issue a license under this Article to an individual who holds a  
16           comparable valid permit, license, or certification issued by another state, provided the  
17           minimum requirements of that state are at least equal to the minimum requirements under this  
18           Article for the specific license issued and the person pays the application fee required under  
19           this Article.

20    **"§ 58-82A-12. Discipline.**

21           The Commissioner may deny, suspend, revoke, or refuse to renew any license under this  
22           Article if any of the following apply:

23           (1)   The licensee violates any provision of this Article.

24           (2)   The applicant or licensee violates any requirement of a permit issued under  
25           G.S. 14-413.

26           (3)   The licensed display operator or proximate audience display operator fails to  
27           provide direct supervision and control over individuals who assist the  
28           licensee in handling, using, exhibiting, or displaying pyrotechnics.

29           (4)   The licensed display operator, proximate audience display operator, or  
30           assistant display operator is convicted of a crime under Article 54 of Chapter  
31           14 of the General Statutes.

32           (5)   Another state revokes the permit, license, or certification issued to the  
33           licensee by that state.

34           (6)   A material misstatement, misrepresentation, or fraud was committed in  
35           obtaining a license under this Article.

36           (7)   Cheating on an examination required by this Article.

37           (8)   Knowingly aiding or abetting others to evade or violate the provisions of this  
38           Article.

39           (9)   Any cause for which the issuance of the license could have been denied had  
40           it then existed and been known to the Commissioner at the time of issuance.

41    **"§ 58-82A-13. License sanction and denial procedures.**

42           (a)   The suspension or revocation of, or refusal to renew, any license under this Article  
43           may be contested in accordance with the provisions of Article 3A of Chapter 150B of the  
44           General Statutes.

45           (b)   Whenever the Commissioner denies an initial application for a license or an  
46           application for a reissuance of a license, the Commissioner shall notify the applicant and advise  
47           the applicant, in writing, of the reasons for the denial of the license. The application may also  
48           be denied for any reason for which a license may be suspended or revoked or not renewed  
49           under this Article. In order for an applicant to be entitled to a review of the Commissioner's  
50           action, the applicant must make a written demand upon the Commissioner for a review no later  
51           than 30 days after the service of the notification upon the applicant. The review shall be

1 completed without undue delay, and the applicant shall be notified promptly in writing of the  
2 outcome of the review. In order for an applicant who disagrees with the outcome of the review  
3 to be entitled to a hearing under Article 3A of Chapter 150B of the General Statutes, the  
4 applicant must make a written demand upon the Commissioner for a hearing no later 30 days  
5 after service upon the applicant of the Commissioner's decision."

6 **SECTION 8.** G.S. 14-410(a1) reads as rewritten:

7 "(a1) It shall be permissible for pyrotechnics to be exhibited, used, handled,  
8 manufactured, or discharged within the State, provided all of the following apply:

9 (1) The exhibition, use, or discharge is at a concert or public exhibition.

10 (2) All individuals who exhibit, use, handle, or discharge pyrotechnics in  
11 connection with a concert or public exhibition have completed the training  
12 and licensing required under ~~G.S. 58-82A-2~~ and ~~are under the direct~~  
13 ~~supervision and control of a display operator who holds a display operator~~  
14 ~~permit issued by the State Fire Marshal under G.S. 58-82A-3.~~ Article 82A of  
15 Chapter 58 of the General Statutes. The display operator or proximate  
16 audience display operator, as required under Article 82A of Chapter 58 of  
17 the General Statutes, must be present at the concert or public exhibition and  
18 must personally direct all aspects of exhibiting, using, handling, or  
19 discharging the pyrotechnics.

20 (3) The display operator has secured written authority under G.S. 14-413 from  
21 the board of county commissioners of the county, or the city if authorized  
22 under G.S. 14-413(a1), in which the pyrotechnics are to be exhibited, used or  
23 discharged. Written authority from the board of commissioners or city is not  
24 required under this subdivision for a concert or public exhibition provided  
25 the display operator has secured written authority from The University of  
26 North Carolina or the University of North Carolina at Chapel Hill under  
27 G.S. 14-413, and pyrotechnics are exhibited on lands or buildings in Orange  
28 County owned by The University of North Carolina or the University of  
29 North Carolina at Chapel Hill."

30 **SECTION 9.(a)** The Commissioner of Insurance may issue a temporary display  
31 operator's license to any individual who meets the following qualifications:

32 (1) Is at least 21 years of age.

33 (2) Provides evidence of completion of a minimum of six North Carolina  
34 permitted displays within the past 10 years.

35 **SECTION 9.(b)** A temporary display operator's license issued pursuant to this  
36 section shall be issued to a person only one time and shall be valid for 30 days after issuance. A  
37 person issued a temporary license shall take the written exam required by Article 82A of  
38 Chapter 58 of the General Statutes and complete the training program approved by the  
39 Commissioner for pyrotechnic displays, or another program the Commissioner determines to be  
40 substantially equivalent, no later than the earlier of September 30, 2010, or 60 days after the  
41 effective date of this act. Any person not in compliance with this section shall not be allowed to  
42 apply for a license until after September 30, 2011. In no event shall a temporary license be  
43 issued after July 31, 2010.

44 **SECTION 9.(c)** The fee for a temporary display operator's license is twenty-five  
45 dollars (\$25.00) for each license issued.

46 **SECTION 9.1.** The Rules Review Commission shall not disapprove any rule  
47 adopted by the Commissioner of Insurance that requires successful passage of an examination  
48 for pyrotechnics operator under this act.

49 **SECTION 10.** Sections 9, 9.1, and 10 of this act are effective when they become  
50 law. The remainder of this act becomes effective October 1, 2010.