

STANDARD ADMINISTRATIVE PROCEDURE

24.01.01.M7.01 Use of Pyrotechnics or Flame Effects

Approved July 18, 2006

Revised November 12, 2009

Revised March 9, 2015

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Standard Administrative Procedure Statement

Use of pyrotechnics or flame effects during ceremonies, banquets, science demonstrations, theatrical or concert performances or other events at Texas A&M University are regulated under the Texas Occupations Code, Subpart F, Section 2154.253. In order to comply with these regulations and protect life and property, the following procedures are established for the review and permitting of planned uses of pyrotechnics or flame effects on the campus of Texas A&M University.

Responsibility for implementing the requirements of this SAP at Texas A&M University at Qatar (TAMUQ) lies with the TAMUQ Health, Security, Safety and Environment (HSSE) Office, in conjunction with the Qatar Foundation. In addition to the requirements in this document, TAMUQ is obligated to follow any applicable requirements of the Qatar Foundation and the State of Qatar.

Definitions

Flame Effects - a stationary or hand-held device of solid, liquid, or gas, designed specifically to produce an open flame when ignited to display a thermal, physical, visual, or audible phenomenon as defined in NFPA Standard 160. Such devices include paraffin wax candles, LPG candles, torches, and LPG burners.

Pyrotechnics - an explosive composition or device designed for entertainment to produce a visible or audible effect by combustion, explosion, deflagration, or detonation as defined by NFPA Standard 1126.

Official Procedure

1. GENERAL

Pyrotechnics or flame effects (as defined) are not allowed in or adjacent to student residence facilities or lounges. At TAMUQ, the Qatar Foundation is responsible for student residence facilities. These procedures apply only under the following conditions:

- 1.1 Pyrotechnics and/or flame effects will be displayed before an audience of 50 or more persons;
- 1.2 The display will be inside a facility
 - a) on the Texas A&M campus or
 - b) owned or leased by Texas A&M.
 - c) at TAMUQ, with the permission of the Qatar Foundation.

These procedures do not apply to flame effects utilized in the course and scope of University approved teaching and research.

2. RESPONSIBILITIES

- 2.1 When pyrotechnics or flame effects will be used (as specified in section 1 of this procedure) a written proposal shall be submitted to Environmental Health and Safety (EHS) or TAMUQ HSSE, as applicable, at least ten (10) working days prior to a performance/event and shall include, as a minimum, the following information:
 - 2.1.1 The name of the person, group, and/or organization sponsoring the production(s).
 - 2.1.2 The date, time, and exact location of the production(s).
 - 2.1.3 The name, qualification, and experience of the person/operator in charge of creating the pyrotechnic/flame effect.
 - 2.1.4 The name, age, and experience of any assistant(s) that will be present and the general responsibilities of the assistant(s).
 - 2.1.5 The number and type of pyrotechnic/flame effect and materials to be used.
 - 2.1.6 Confirmation of any applicable state and federal licenses of the operator and assistant(s). At TAMUQ, the confirmation of any applicable State of Qatar and Qatar Foundation requirements.
 - 2.1.7 Confirmation of state and federal permits for the site of display (aerial firework displays). Aerial firework displays are not permitted at TAMUQ without permission from Qatar Foundation.

- 2.1.8 Evidence of the permittee's (production company's) insurance carrier or financial responsibility. (To be reviewed by the TAMUS Office of Risk Management).
- 2.1.9 A copy of Material Safety Data Sheets (MSDSs) for the pyrotechnic/flame effect materials to be used.
- 2.1.10 The method of disposal of by-products from special effects. Disposal shall be in compliance with federal and state mandates and University requirements as applicable.
- 2.1.11 A diagram of the grounds and facilities at which the production will be held. This diagram shall show the point of on-site assembly and the point at which the pyrotechnic/flame effect devices are to be fired/used, the fallout radius for each pyrotechnic device used in the performance, and the lines behind which the audience shall be restrained. (Prints of campus grounds and/or facilities can be obtained by request through EHS).

2.2 Approval

EHS and the appropriate facility manager shall review the written proposal. Approval for the use of pyrotechnics or flame effects during the event must be obtained in writing from EHS prior to the event. Written proposals requesting the approval of the use of other special effects on campus grounds (e.g. fireworks displays) must be sent to EHS. Written approval must be received from EHS for this type of activity prior to the event.

TAMUQ HSSE shall coordinate with the Qatar Foundation for written approval for use of pyrotechnics or flame effects at the Qatar campus.

Related Statutes, Policies, or Requirements

Supplements [System Policy 24.01](#), [System Regulation 24.01.01](#), and [University Rule 24.01.01.M7](#)

Contact Office

For rule interpretation or clarification, please contact Environmental Health and Safety.

OFFICE OF RESPONSIBILITY: [Environmental Health and Safety](#)

- At TAMUQ: The office of Health, Safety, Security, Environment