

Fireworks, Pyrotechnics or Flame Effects Application  
Iowa State University

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Risk Management

Applicant Information

Name of Event: E-Week Charity Ball  
Name of Organization Sponsoring Event: Engineers' Week  
Address of Organization: 110 Markston Hall Ames, IA  
Name of Applicant: Allison Bryant  
Phone: 515-675-7466 Fax: \_\_\_\_\_ E-Mail: abryant@iastate.edu

Event Information

Estimated Attendance: 500  
Event Location: Memorial Union  
Event Date: 9/27/08 Time: 11:59 p.m. Alternate Date (rain date) for event: None  
Organization's on-site manager or contact for day of Display: Allison Bryant  
Phone: same as above Fax: \_\_\_\_\_ E-Mail: same as above

Firework Display Information:

Attach a copy of the Display Operator credentials and applicable U.S. DOT requirement information for transportation with this application

Display Operator (company name): J&M Displays  
Address: 18004 170th Avenue  
City: Yarmouth State: IA Zip Code: 52660  
Work-Week Phone: 800-648-3890 Fax: 319-394-3205 E-Mail: kelm@bueschke.com  
Operator Name for day of Display: Kelm Bueschke Cell Phone: 515-321-2267  
Other Contact for day of Display: \_\_\_\_\_ Co. Phone: \_\_\_\_\_

Type of Fireworks: 1.3g & 1.4g Effects. See Attached Attach program  
Length of Display: 10-15 minutes  
Fireworks Supplier: J&M Displays  
Exact Location of Display: Central Campus. See Attached Attach a diagram of Display Shoot Location

7/31/08  
Date  
8/6/08  
Date

[Signature]  
Sponsoring Organization Representative Signature  
[Signature]  
Display Operator Representative Signature

Insurance Requirements:

Insurance coverage and certificate requirements are on the back of this form. Please provide the fireworks display operator with the information on the back of this form so it can be shared with his/her insurance agent to facilitate issuance of an acceptable certificate of insurance. Mail the certificate of insurance to the Office of Risk Management at the address below.

Student Organizations Only:

Submit Event Notification and Authorization form with other event documents (including display application) at least 8 weeks prior to the event.

Application Submittal:

Mail the completed application with attachments including the certificate of insurance and check made payable to Iowa State University, Office of Risk Management for \$50 at least 6 weeks prior to the event to:  
Office of Risk Management, Iowa State University, 361B Administrative Services Building, Ames, Iowa 50011  
For questions, please contact the Office of Risk Management Phone: (515) 294-7711 Fax: (515) 294-3105

APPROVAL SIGNATURES:

8/29/08  
Date  
09/02/08  
Date  
Date

[Signature]  
Environment, Health and Safety  
[Signature]  
SU Police  
[Signature]  
Office of Risk Management

© Documents and Storage Co - MCT Service Fireworks, Pyrotechnics, Authorization doc

- Approved
- Approved As Corrected
- Revise & Re-Submit
- Not Approved
- Refer To \_\_\_\_\_

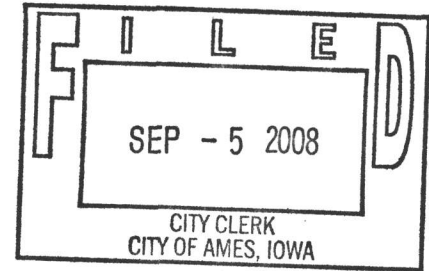
Date 8-18-08  
[Signature]  
CITY OF AMES FIRE INSPECTOR



Safety Zone    Fireworks    ISU Central Campus - Near Campanile

Fireworks Approval

**E-Week Charity Ball  
Saturday, September 27, 2008  
Iowa State University**



**Applicant: Allison Bryant**

The E-Week Charity Ball is a charity fundraising event held each year to celebrate and raise awareness for the Minds of Tomorrow philanthropic program. All proceeds from the event will be placed in a charity fund. Grants from this fund will be awarded to K-12 schools that have under-developed science and math facilities.

For this year's E-Week Charity Ball, we are trying to increase student, faculty, and staff attendance and awareness of the ball and of Engineers' Week as a whole. One of the ways in which we hope to accomplish this is through the return of fireworks to the E-Week Charity Ball. This is something that we hope will draw more people to our event and more attention to the Minds of Tomorrow charity.

We have made a few adjustments to our fireworks show to take the residents of the Ames community into consideration. We are aware that there have been complaints in the past regarding noisy displays (such as fireworks) that occur at late hours. Because we are requesting to have our fireworks display occur at midnight, we have scripted the show to include things that have very minimal or even no noise effects. All of the aerial shells that are normally included in a fireworks show have not been used and in place of them, we are using less noisy ground effects. Some of these effects include: candles, mines, comets, set pieces, gerbs, and flames. I have been working with the Display Operator at J&M Displays to script our show so that no one that lives off campus will be disturbed by the show.

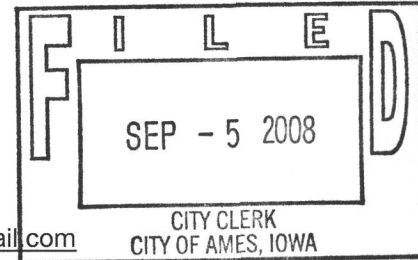
We are also hoping to publicize the fact that this display will be happening (if the permit is granted). One idea that we are looking into is having an announcement in the newspaper. This way, the Ames residents will know far enough in advance that this will be taking place on campus. Our main goal is to not disturb the residents at all, but this way they will at least be aware of it. We are open to any other ideas or suggestions for how to best go about this.

Thank you for your consideration.



**Kelm Brueschke**

4104 83<sup>rd</sup> Street  
Urbandale, IA 50322  
Cell Phone: 515.321.2761  
Fax Phone: 515.276-6828  
Email: [kelmbrueschke@gmail.com](mailto:kelmbrueschke@gmail.com)



September 5, 2008

Mayor Campbell & The Ames City Council  
P. O. Box 811  
515 Clark Avenue  
Ames, IA 50010

Dear Mayor Campbell & The Ames City Council

I'm writing to you on behalf of the Iowa State University Engineering Week Committee in regards to the fireworks show that is planned for midnight on Saturday September 27<sup>th</sup>, 2008. I understand that there is an issue of noise because of the time that the show will take place. The original effects scripted in the show were your typical aerial fireworks shells that include both visual and noise effects. At the request of the ISU officials, the show has been changed to include only ground effects that do not have the loudness as most fireworks.

The re-scripted show will include ground mines, roman candles, fountains (large sparklers), fireballs, comets, and small cakes. These effects do not have the loud bangs that aerial shells produce. An aerial shell like the ones originally scripted in the show and those that you see at most firework shows break several hundred feet in the air. That noise can be carried for a long distance and heard by many people. By switching to a "ground effect" show and using no or low noise effects, any sound produced will be contained near the show.

In this type of setting (on central campus) where the audience is up-close, the visual effects really overcome the fact that the noise is missing. In fact, a lot of people actually prefer this type of show because they are closer to the effects. In the fireworks industry, we call these effects 'close proximity'. They are manufactured with little or no noise and fall out debris. Besides being crowd pleasers they are also very safe. If you watched the opening or closing ceremonies of the Olympics, you would have seen some of these effects that were launched around the top of the stadium near the spectators.

Just so you are aware, I'm also working with the ISU Homecoming Committee to have a show at midnight on central campus on Friday October 24<sup>th</sup>, 2008. I've worked with the Homecoming Committee on this show for the last 15 years and it's always been very successful. For that show we will use ground and close proximity effects like we've done in years past. The students love the show and have a great time. The permit request will be coming next week for that show.

I've been shooting shows in Ames for many organizations at ISU since the early 1990's and would be more than happy to answer any questions that you have about this show or

fireworks in general. While I am located in Iowa, my fireworks experiences have taken me all over the country where I've worked with many organizations and city officials. I not only shoot outdoor fireworks and close proximity shows, but also indoor pyrotechnics. I've conducted many shows in Hilton Coliseum and several other buildings on the ISU campus over the last 18 years.

I look forward to working with you on this show and many others in the future.

Sincerely,

Kelm Brueschke  
J & M Displays Pyrotechnician & Sales Rep

CC: Karen Thompson – Ames City Clerk's Office  
Tom Henricksen – Ames Fire Marshal  
Deb Keys – ISU Risk Management  
Troy Carey – ISU Environmental Health & Safety  
Allison Bryant – ISU Engineers Week Committee