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# DAYTON, OHIO REGIONAL HAZ-MAT RESPONSE TEAM NEWSLETTER

April 2006

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## Anhydrous Ammonia

With warm weather here and fertilization of fields about to be in full swing don't forget about our old buddy AA. A vapor release of AA from a nurse tank in a field with no immediate exposures is usually pretty uneventful. AA is shipped as a non flammable compressed gas, although it does have an LEL of 16% and will ignite and burn in an enclosed area such as a barn, vehicle or in the friendly neighborhood Meth lab. The vapors are lighter than air ( $VD = 0.6$ ) so you may be surprised to see a vapor cloud hugging the ground early in the morning till the sun comes up. This has to do with temperature and humidity. Stay upwind, warn folks downwind and wear SCBA, this is deadly if inhaled. More hazardous than its fire potential is ammonia's reactivity with halogens, interhalogens, and oxidizers. These reactions may be violent and/or may form explosive products.

## Training

Many thanks to **Aaron L. Smith, Environmental Health & Safety Manager** at DuPont Electronic Technologies. Aaron did a super job hosting our March training with an informative program on their operations followed by a tour.

## April Training

April training will be conducted at different locations; our hosts will be the technicians from the Dayton Bomb Squad. **The starting time of all morning sessions is 0800 hours**

We will be privileged to be exposed to first hand knowledge of explosive devices and witness live detonations, the live trainings are scheduled to occur on Thursday and Friday mornings. Saturday morning will be at DFDTC and will be a videotape of the Thursday morning session.

The **Thursday Evening Training** will be conducted at Beaver Creek FD Station 3 on Kemp Road, east of North Fairfield Road. A videotape of the Thursday morning session will be shown.

## 2006 Training Schedule

### April 20-21-22

With Dayton Bomb Squad

**Please note the starting time is 0800 hours for the morning sessions**

Locations:

**Thursday**, at DPD Academy on Guthrie Rd. This will be *live explosive* training. 0800-1200 hours

**Friday**, at DPD Academy on Guthrie Rd. This may change to DFDTC. I will send emails to advise of a change. 0800-1200hours

**Saturday**, at DFDTC on McFadden (videotape) 0800-1200 hours

April 20  
1830-2130 hours at Beaver Creek FD Station 3  
on Kemp Rd. (videotape)

**May 18-19-20**

0900-1700 hours

All day Tech. Refresher

No Thursday Evening Training

**May 19** is our LEPC drill; we need as many  
members as possible to attend this drill.

**June 15-16-17**

0900-1200 hours

June 15

1830-2130 hours

**July 20-21-22**

0900-1200 hours

July 20

1830-2130 hours

**August 17-18-19**

0900-1200 hours

August 17

1830-2130 hours

**September 21-22-23**

0900-1700 hours

All day Tech. Refresher

No Thursday Evening Training

**October 19-20-21**

0900-1200 hours

October 19

1830-2130 hours

**November 16-17-18**

**CAMEO review**

0900-1200 hours

November 16

1830-2130 hours

**December**

No Training