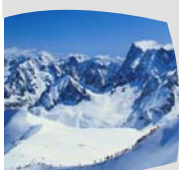




○ HAZ MAT VS CBRN - WHAT IS THE DIFFERENCE?..... 1



○ LEAD POISONING ARE YOU AT RISK? 2



○ CERFP: MISSION, OVERVIEW AND LOCATION..... 2

○ ISSUE 10 | ○ JANUARY | ○ 2008

airbossdefense.com



First-Responder's news

ADDRESSING THE NEEDS OF FIRST-RESPONDERS AND HELPING THEM BUILD A SECURE FUTURE.

We have all heard the words, but do we all know the differences? What exactly are the differences between a Haz Mat incident (HMI) and a CBRN incident?

HAZ MAT VS CBRN...

We have all heard the words, but do we all know the differences? What exactly are the differences between a Haz Mat incident (HMI) and a CBRN incident?

Haz Mat incidents typically take two forms, fixed facility incidents and transportation incidents. The major difference between the two is that it is reasonably possible to identify and prepare for a fixed site incident, because laws require those facilities to notify state and local authorities about what is being used or produced there. Transportation incidents are substantially harder to prepare for, because you never know what material(s) could be involved until the accident actually occurs.

Definition of Hazardous Materials Transportation Incident

This is any incident resulting in uncontrolled release of materials, during transport, that are capable of posing risk to health, safety, and property as defined by Department of Transportation Materials Transport Regulations.

Definition of Fixed Facility Hazardous Materials Incident

This is any incident of uncontrolled release of materials, from a fixed site, capable of posing a risk to health, safety, and property as determined in the EPA's Resource Conservation and Recovery Act.

Definition of CBRN

CBRN can be defined as weaponized or non-weaponized chemical, biological, radiological and nuclear materials that can cause significant harm.

The result is that although Haz Mat is a significant threat, CBRN poses a much more potent danger to first responders and civilians in today's reality. The table below outlines the significant differences between Haz Mat and CBRN:

TYPICAL HAZ MAT INCIDENT (HMI) VS CBRN TERRORISM INCIDENT (CBRN-TI)*

	HMI	CBRN-TI
Super toxic material		X
Hazard identification	X	X
Mass casualties		X
Many fatalities		X
Mass decontamination		X
Unusual risk to emergency responders and civilians		X
Crime scene evidence preservation		X
Major interaction and/or coordination with local, state & federal agencies		X
Scene communication overload		X
Chaos, mass hysteria		X
Resources immediately overwhelmed		X
Secondary device designed to kill responders		X
Pre-incident indicators		X

*Source: Weapons of Mass Destruction Basic awareness course - NJSP

As you can clearly determine, CBRN represents a much greater threat to first responder's safety than Haz Mat.

Accordingly, shouldn't all of your equipment be certified for a CBRN incident? AirBoss-Defense offers CBRN gloves (AMG) & fire boots (The BOSS) which are both certified by UL to comply with NFPA 1994 Standard on Protective Ensembles for First Responders to CBRN Terrorism Incidents.



AIRBOSS-DEFENSE ON THE ROAD

Fire Rescue East

January 25th and 26th, 2008
Osborne Center
Booth: 244 (Fire Safe Ass.)
Jacksonville, FL
www.ffca.org

WHERE THE BEST MEET



Firehouse World

February 5th, 6th and 7th, 2008 (Exhibit Hall) Prime
San Diego Convention Center, Booth: 748
San Diego, CA
www.firehouseworld.com



Lead poisoning... *are you at risk?*

Recent high-profile incidents of dangerous goods imported from Asia have raised the awareness of the average consumer of the risks related to buying products from these countries. Over the past 12 months, Asian-made product recalls have covered a wide range of items. Some of the products recalled include toys, pet food, batteries, candles, boom boxes, clothes, seafood, hammocks and the list goes on and on. In one such incident, an Asian rubber tire manufacturer had to recall over 450,000 tires because several traffic deaths had been directly related to the tire threads coming apart while in use.

But one of the most widely spread risks of these Asian-made products was that they contained dangerous levels of lead. Toxic levels of lead have been found in a variety of Asian-made products, from toys to jewellery.

Lead is a highly toxic substance, exposure to which can produce a wide range of adverse health effects. Both adults and children can suffer from the effects of lead poisoning, but childhood lead poisoning is much more frequent. Over the many years since we have known about the hazards of lead, tens of millions of children have suffered its health effects.

There are many different health effects associated with elevated blood lead levels. Young children under the age of six are especially vulnerable to lead's harmful health effects, because their brains and central nervous system are still being formed. For them, even very low levels of exposure can result in reduced IQ, learning disabilities, attention deficit disorders, behavioural problems, stunted growth, impaired hearing, and kidney damage.

At high levels of exposure, a child may become mentally retarded, fall into a coma, and even die from lead poisoning. Within the last ten years, children have died from lead poisoning in New Hampshire and in Alabama. Lead poisoning has also been associated with juvenile delinquency and criminal behaviour.

In adults, lead can increase blood pressure and cause fertility problems, nerve disorders, muscle and joint pain, irritability, and memory or concentration problems. It takes a significantly greater level of exposure to lead for adults than it does for kids to sustain adverse health effects.

Most adults who are lead poisoned get exposed to lead at work.

The symptoms of chronic lead poisoning include neurological problems, such as reduced cognitive abilities, or nausea, abdominal pain, irritability, insomnia, metal taste in oral cavity, excess lethargy or hyperactivity, headache and, in extreme cases, seizure and coma. There are also associated gastrointestinal problems, such as constipation, diarrhea, vomiting, poor appetite, weight loss, which are common in acute poisoning. Other associated effects are anemia, kidney problems, and reproductive problems.

It's up to you to make sure that your work and home environment are safe from lead poisoning.

WE WANT TO HEAR FROM YOU:

IF YOU HAVE ANY QUESTIONS REGARDING OUR COMPANY, PRODUCTS OR TECHNICAL ISSUES, PLEASE CONTACT US:

AIRBOSS-DEFENSE
881 LANDRY STREET
ACTON VALE, QC J0H 1A0
CANADA

TEL.: 450.546.2776
FAX: 450.546.0213

CERFP

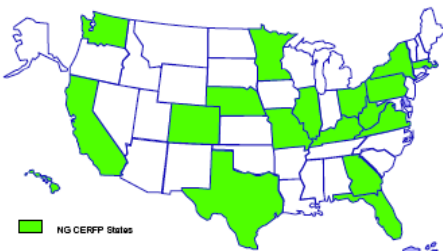


Chemical, Biological, Radiological, Nuclear and high-yield Explosive (CBRNE) Enhanced Response Force Package (CERFP)

CERFP Mission: To provide immediate response capability to the governor including: incident site search capability of damaged buildings, rescuing trapped casualties, providing decontamination, and performing medical triage and initial treatment to stabilize patients for transport to medical facilities.

Overview: The CERFP is comprised of four elements staffed by personnel from already established National Guard units. Elements include: *search and extraction, decontamination, medical, and command and control.* The command and control team directs the overall activities of the CERFP, and coordinates with the Joint Task Force–State (JTF-State) and the incident commander. The search and extraction element is assigned to an Army National Guard Engineering Company, the decontamination element is assigned to an Army National Guard Chemical Company, and the medical element is assigned to an Air National Guard Medical Group. Security duties for the incident site and the four CERFP elements are performed by the state National Guard Response Force.

NG CERFP Locations



Locations: The initial establishment of CERFPs placed at least one in each of the 10 FEMA regions. As of March 2007, there are currently 12 validated CERFPs with five additional units authorized and funded by Congress.

AIRBOSSDEFENSE.COM

CUSTOMER SERVICE:
450.546.2776 EXT.: 298

E-MAIL
fire@airboss-acton.com