

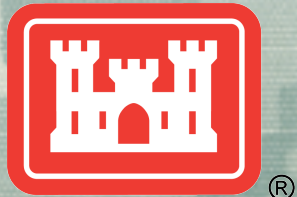
ISSUES AND DEVELOPMENT WITH SCRAP DEALERS

Paul E. Greene

Ordnance Explosive Safety Specialist

Paul.E.Greene@usace.army.mil

(410) 962-6741



US Army Corps of Engineers
Baltimore District



PROBLEM

Military munitions has been on the news.

Found mixed in with salvaged/scrapped & recycled materials in yards throughout the country.

Local evacuations

Incidents involving military, local & federal law enforcement with ongoing investigations.

**Fontana, CA
Chicago, IL
Raleigh, NC**

**Newton, MA
Socorro, TX
Tampa, FL**

Injuries, dismemberment and even death has occurred.



What kind of munitions

Training, Practice and Live

Military munitions dating back from World War II up to the present such as:

Bombs
Rockets
Mortars
Artillery Shells
Missiles



INCIDENTS

Occurring throughout the US

Foreign countries are encountering similar problems in their scrap yards as well.

Philippines

Europe

Russia

Thailand



INCIDENTS

News Headline

Salvage Yard bomb



A 50
empl
Tucs

The
were

McC
was

In a
Depa
busin
dema

The
Base

I look f
your continued

an
at the

ctives still

orker who

ative for the
n place of
issue

estigation.



BUILDING STRONG®

INCIDENTS

News Headline

Patriot Missile Found in Tampa Junk Yard

Puzzled workers found a large, rusted metal object in a junk yard in Tampa. The object was found in a junk yard in Tampa. This was not a Patriot missile. In what is understood to be a disposal team, said the object was on top that goes for harmless, so

How a Patriot

All officials could not say whether they would not consider



looking for a missile. The object was found in a junk yard in Tampa. This was not a Patriot missile. In what is understood to be a disposal team, said the object was on top that goes for harmless, so

tery.

missiles,



BUILDING STRONG®

News Headline

Bomb found at scrap yard

ALBERTVILLE
an interesting
the first place
The Progress
What the Pro
bomb that tu
said Albertville
"It was harm
yard, and w
Neighbors v
cause anyth
about it," sa
Chief Terrell
explosives c



week found
not there in
is.
500 pound
airplanes,"
side of the
et us know
d anything
ut had an



BUILDING STRONG®

INCIDENTS

News Headline abroad

Seven dead as war bomb explodes in Bangkok scrap yard

- At least seven people were killed and at least 10 others injured when a large World War Two bomb exploded in a scrap metal warehouse in Bangkok on Wednesday. AFP
- Construction workers were trying to cut open the bomb when it exploded, sending a large fireball into the air.
- The warehouse was used to store scrap metal and was located in the Foythong area of Bangkok.
- The explosion was heard by people living nearby.
- "The warehouse was used to store scrap metal and was located in the Foythong area of Bangkok," said a police spokesman.
- Police are now searching for the bomb's origin.



INCIDENTS

More News Headline Abroad

Unexploded World War Two hand grenade found in Lenwade, UK scrap yard

A bomb disposal unit was called out after a hand grenade was discovered

A spokesman for the Ministry of Defense (MoD) said the hand grenade was found not contain an explosive but was taken away to be disposed of.

Old bombs found among scrap metal in Zamboanga City, Philippines

A junk shop owner has turned over to police several old unexploded bombs he found with the scrap metal he bought from clients. A police explosive ordnance disposal (EOD) unit immediately inspected the World War 2-era bombs numbering at least 20. Some of the fuses of the bombs are still intact, while others have almost complete components. the bombs are still active and could possibly explode.

Bomb team called in after artillery shell found in Macclesfield, UK scrap yard

Workers had found the large artillery shell in a car which was left to be scrapped

A police spokesman said it's been taken by the bomb disposal team



INCIDENTS

Internet News Headline



[Home](#) [Registration](#) [UXO Glossary](#) [Search Website](#) [Submit Article](#) [Contact Us](#)
[Advertising](#) [UXO Resume Line](#) [Corporate Sponsors](#) [Help Wanted](#) [Disclaimer](#) [About](#)

Munition Found At Scrap Metal Yard Sparks Response

Posted At : October 3, 2016 11:01 AM | Posted By : Admin
Related Categories: [UXO and Scrap](#) / [Salvage Yards](#)

Lakehurst, New Jersey Workers at Sims Metal Management called police after finding a munition item mixed in with scrap metal being recycled. The Emergency Services Unit of the Newark Police Division responded and declared the 1,000 pound munition (specific type not reported) "safe". Newark police subsequently reported the discovery to officials at Joint Base McGuire-Dix-Lakehurst for final disposal of the munition. Find occurred on 22 September 2016.

[Comments \(0\)](#) | [Print](#) | [Send](#) | [del.icio.us](#) | [Linking Blogs](#) | 431 Views

Mortar Recovered From Scrap Metal Yard

Posted At : September 14, 2016 10:59 AM | Posted By : Admin
Related Categories: [UXO and Scrap](#) / [Salvage Yards](#)

Miri, Borneo An unexploded WWII mortar was detonated after it was found mixed in with scrap metal at a Borneo recycling plant. Police and bomb disposal experts responded to remove the UXO which was identified as a live mortar round. It was transported to a safe location for detonation.



[Comments \(0\)](#) | [Print](#) | [Send](#) | [del.icio.us](#) | [Linking Blogs](#) | 475 Views

File This UXO Find Under "Here We Go Again"

Posted At : July 18, 2016 3:14 PM | Posted By : Admin
Related Categories: [UXO and Scrap](#) / [Salvage Yards](#)

Frederick, Maryland The Maryland State Bomb squad responded to what has become an all-to-familiar scene of a suspect UXO at a scrapyard. Officials removed what appeared to be an old hand grenade from Reliable Recycling Inc.

An employee noticed the munition in scrap pile. The grenade was intact and appeared to still have the pin in place. The item was moved to a distant part of the yard away from employees and behind a concrete barrier while employees called 911.

[Comments \(0\)](#) | [Print](#) | [Send](#) | [del.icio.us](#) | [Linking Blogs](#) | 627 Views

[\[More\]](#)

UXO ARTICLE ARCHIVES

- ★ August 2017
- ★ July 2017
- ★ June 2017
- ★ May 2017
- ★ April 2017

SUBSCRIBE

Enter your email address to subscribe to this blog.

UXO E-NEWSLETTER

CORPORATE SPONSOR



WWW.ProFlightUAS.US

CORPORATE SPONSOR

Suicide Prevention Assistance
for EOD / UXO Technicians

CORPORATE SPONSOR



BUILDING STRONG®

INCIDENTS

Evening News



BUILDING STRONG®

INCIDENTS

Evening News



BUILDING STRONG®

INCIDENTS

Evening News



BUILDING STRONG®

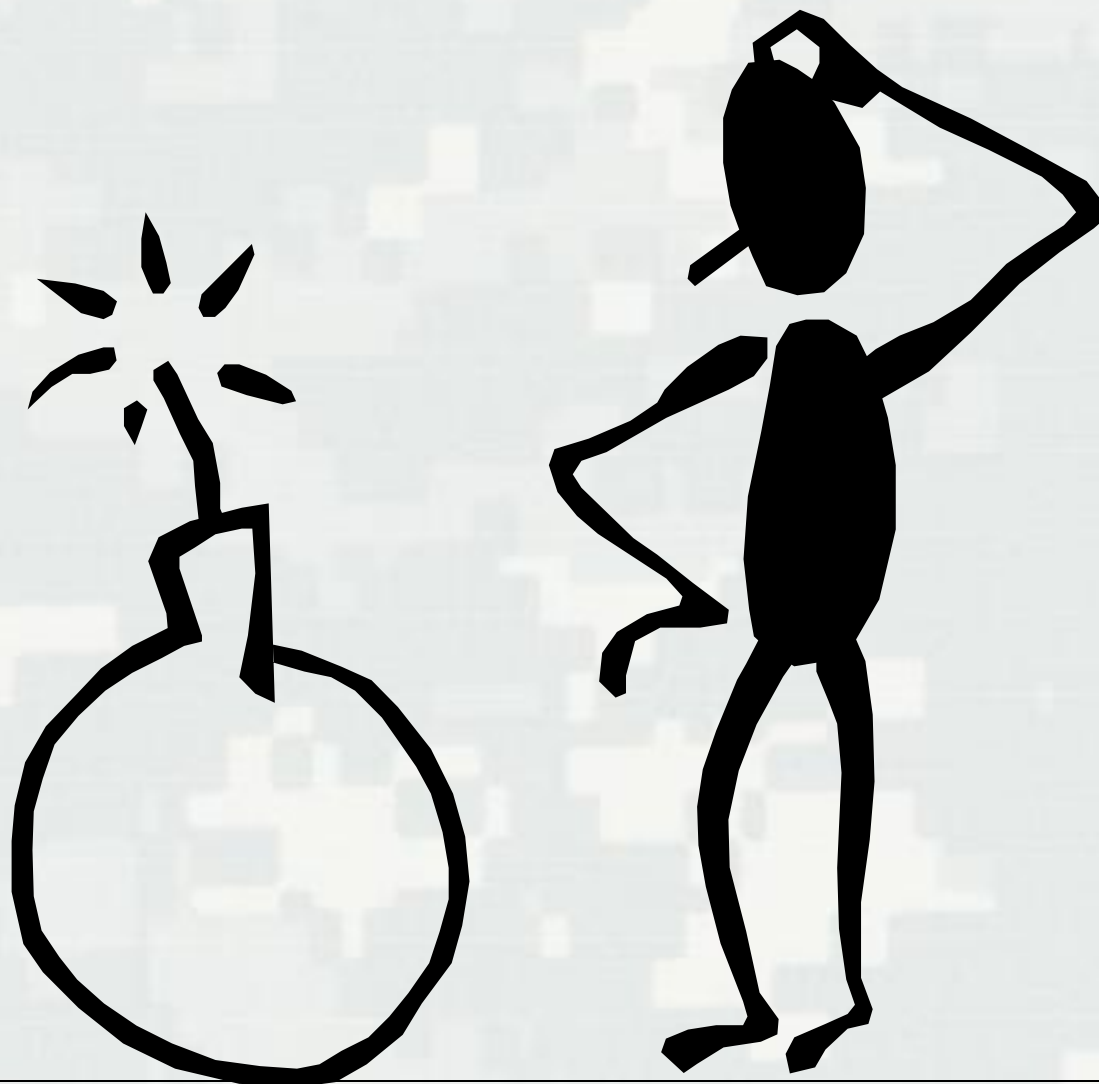
INCIDENTS

Evening News Abroad



BUILDING STRONG®

NOW WHAT?



BUILDING STRONG®

CAUSALITY

- Final disposition and or destruction not being observed
- Improper de-mil / destruction of inspected material to unrecognizable pieces
- Inspectors unfamiliarity with encountered munition
- Inspected material **comingled** with other materials at scrap yard
- Inspected Material **sold** from one Scrap Yard to other Scrap/Salvage Yards
- Independent scrappers **scavenging** from off limit areas such as impact areas and active ranges.



RESOLUTION

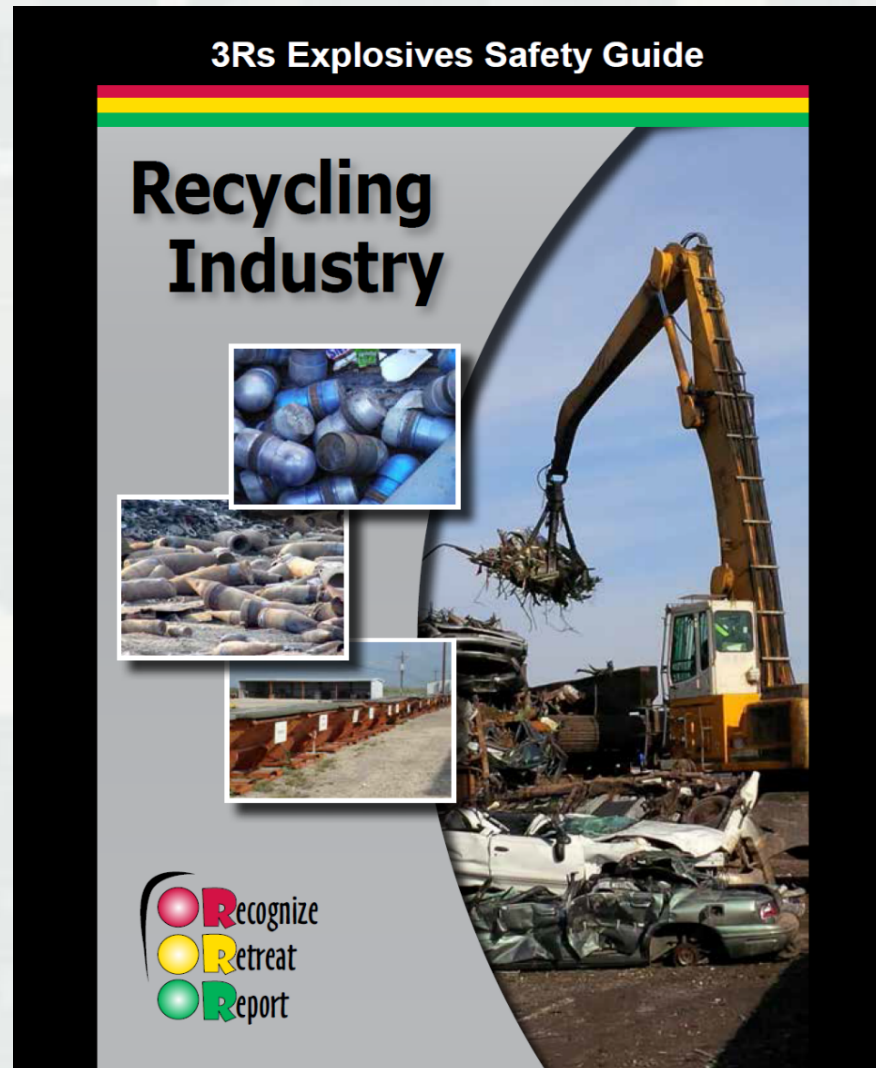
Public service education, distribute informational pamphlets, awareness training for Scrap Yard employees.

Site inspection, evaluate process and procedures, Quality Control, Government Quality Assurance on contractors.

Actively monitor for trends and evaluate for corrections.




DENIX Informational Pamphlet



When it comes to Military Munitions
ALWAYS remember the

3 R's

- 
- RECOGNIZE- you have a possible UXO
 - RETREAT- to a safe area
 - REPORT- it to local authorities



**If you have more questions concerning
UXO's, Contact the USACE Baltimore
Ordnance and Explosive Safety Office:**

410-962-6741

QUESTIONS



BUILDING STRONG®