

JMC's environmental processes are Soldier ready

By Rebecca Montgomery
JMC Public Affairs

ROCK ISLAND ARSENAL, Ill. - The Joint Munitions Command's five year journey to reach its Environmental Management System goals means kudos to its installations because they took an active role in getting there.

The JMC's installations met the International Organization for Standardization 14001:2004 requirement by its December 2009 deadline in accordance with Executive Order 13423 and Army policy. The ISO standard provides guidance on a management system that minimizes harmful effects on the environment.

"The bottom line is we're here to help sustain pollution prevention and environmental methods. We want to collaborate with the installations and we're here to support them," said Kevin Tiemeier, general environmental engineer in JMC's Installation Support Directorate.

According to Tiemeier, the JMC's help in improving installations' practices has been well received.

"Even though the installation commanders have this certification, they don't want this to end. They want us back to continue to sustain and educate," he said.

With the help of Corpro, the contractor that tracked metrics for each installation and provided EMS training and guidance, the JMC met all of the EMS elements and can now declare conformance to the ISO 14001:2004

standard.

"Initially we did a gap analysis and compared what the standard requires with what the installations were doing. The installations had to train their employees so they would understand what was required by the ISO 14001," said Sally Gaines of Corpro.

The installations are trained in EMS so they understand they're all part of the process and help figure problems out, Tiemeier added.

"Every individual at the installations has to come to understand they had an environmental responsibility," said Gaines.

Environmental regulators have primacy over the JMC's environmental processes and have the legal statutory authority to shut down facilities that are not environmentally compliant, Tiemeier explained.

"Regulators know about the 14001 system so they've got a comfort level that we're going above and beyond minimum requirements. Regulators endorse and believe in the process," Gaines added.

Tiemeier noted that environmental regulations are important - - what's being emitted to the air and what's being discharged to the rivers and soil.

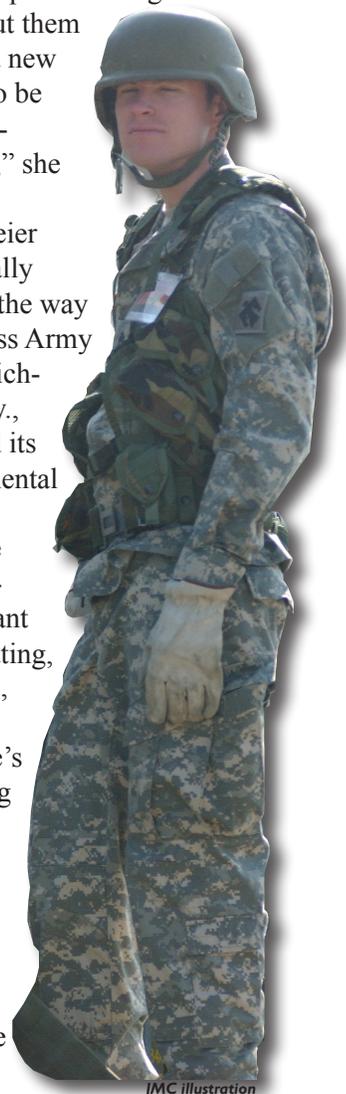
"We know if a spill goes into an aquifer there are risk factors. Therefore, we have to take action to control the situation with the best preventative practices we can," he said.

Gaines emphasized the importance of avoiding complacency and stopping old harmful practices.

"We continue to work on being able to dispose of things a different way or put them through a new process to be able to re-use them," she said.

Tiemeier is especially proud of the way Blue Grass Army Depot, Richmond, Ky., improved its environmental practices in the use of chemical resistant agent coating, or CARC, paint.

"Here's something that was an issue, but now they're a center of excellence," he said.



JMC illustration

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ARMY NEWS

For Love of Liberty, a celebration of service

For more information including broadcast schedules visit:
<http://www.forloveofliberty.org/index.html>

By Army Public Affairs

WASHINGTON -- To commemorate Black History Month and honor African-Americans who served, "For Love of Liberty: The Story of America's Black Patriots" will air during February on Public Broadcasting System stations across the country.

The two-part documentary, produced with the Army's cooperation, tells the untold story of African-Americans' service in the military throughout the nation's history to win and protect freedoms they themselves often didn't enjoy.

Hosted by Halle Berry, narrated by Avery Brooks, and introduced by retired Gen. Colin Powell, the four-hour documentary begins at the dawn of U.S. history to tell the story of African-Americans who risked their lives to win and protect American freedom while striving to acquire it themselves.

In addition to film footage and photos, For Love of Liberty uses letters, diaries, speeches, journalistic accounts, historical text, and

military records to document the accomplishments of African-Americans who served in the military since the republic's earliest days. Their personal stories give a moving account of service and sacrifice, from the Revolutionary War - whose first casualty was a Black man, Crispus Attucks - to today's war against global terrorism.

"It is a wonderful story... of a group of Americans who never lost their love of this country, never lost their faith in it or what the founding fathers had promised them," said former Secretary of State Colin Powell. "And that's why this story is simply called, For Love of Liberty."

Praised by the National Association for the Advancement of Colored People, For Love of Liberty is much more than a collection of historical facts and figures. It shares the compelling personal stories of men and women who make up the fabric of an inspiring narrative. Their first-hand accounts are told by a Who's Who of prominent entertain-



Office of War Information photo

History Fliers of a P-51 Mustang Group of the 15th Army Air Force in Italy "shoot the breeze" during August of 1944 in the shadow of one of the Mustangs they fly.

ers and public figures.

The words they deliver convey an epic saga of perseverance and triumph, which the film brings to life through rare photographs, archival materials, re-enactments, personal memorabilia, historical paintings, and posters. Also included is original footage of hundreds of monuments, battlefields, memorials, and other historic sites in more than 20 states and in Europe.

"Our goal is to raise public consciousness about this extraordinary and little-known aspect of our nation's history, and I'm deeply indebted to all those who've supported our commitment to get this story told," said Frank Martin, the film's director.

"Throughout

the film we look at why, despite rampant injustice, heroic black men and women fought so valiantly for freedoms they themselves did not enjoy. The theme that echoes across the centuries - the price of liberty - is one that is relevant to all Americans."

Acclaimed actor Louis Gossett Jr., one of the film's

"Service" continued on page 7

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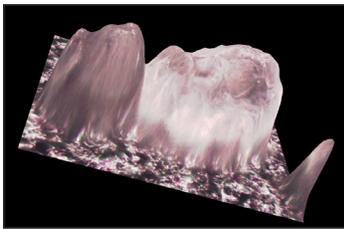
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New technology expands lab capabilities



(left) U.S. Army photo by Mark Hughes

Magnification (left) Tim McCullough, physical scientist, uses a hand-held adapter that is part of the lab's new portable electronic microscope, to enlarge the lettering on an object. One of the two scopes' maximum magnification level is 7,000 times.

3-D technology (right) Ammonium perchlorate crystals shown in 3D using the new digital microscope.

Already the \$37,000 equipment has more than paid for itself, according to Tim McCullough, physical scientist at the plant's explosive lab.

McCullough was presented with a product that contained rust underneath a poly-urethane seal. Whether it was 'active' rust (which could spread) or 'dead' rust (which could not spread) would determine whether the production line would begin as scheduled or be delayed from six months to a year.

Using the larger scope and a magnification level of 420 times, McCullough was quickly able to determine that the rust was inactive or dead.

"If we couldn't have proven that the rust was 'dead', we wouldn't have been able to begin that production line and new components would have had to be ordered or existing ones reconditioned. Either way it could have taken six months or a year to re-start the line," he said.

"With the introduction of new generations of insensitive munitions using plastic bonded explosives, the digital microscopes greatly enhance the plant's ability to analyze their own powder-based explosives," said Brad Black, chief, quality assurance testing.

"Insensitive munitions are more stable when there are no voids between

the powder-based particles. With the digital scope, we can determine if there is a void in the powder-based explosive that needs to be corrected," he said. "Having voids between particles makes the explosive more shock and friction sensitive," Black explained.

"An advantage of a portable digital scope with a hand-held adapter is that it can take measurements in confined spaces that a normal caliper could not reach, like it did on a Harpoon fuze well," McCullough said. The digital scope can measure down to one micron, which is equivalent to 0.000039 inches or 39 millionths of an inch.

To understand the magnification capability of the new digital scopes, Treaver Price, chemist, collected rain water and deposited one drop from an eye dropper on a slide. Under examination at 400 times magnification he found a microscopic worm and took a 30-second video of its movement.

According to Black, a lot of 'customer unique problems' can be resolved with these digital scopes: "If there are unique things people need to get a better look at, we can sure help them out." ^{JM}_C

By Mark Hughes
McAlester AAP Public Affairs

McALESTER, Okla. -- Christmas came early for the McAlester Army Ammunition Plant explosives laboratory employees in the form of a digital microscope accompanied by a laptop, key board and central processing unit. The technology trio enabled the workers to enter the digital age in microscopic analysis.

The smaller of the two scope lenses has a magnification capability from 20 to 320 times while the larger scope can magnify from 140 to 7,000 times. The smaller one is portable and comes with a hand-held adapter that can magnify up to 160 times. The maximum magnification with their original microscopes was 400 times.

Blue Grass saves nearly one million

Blue Grass Army Depot Public Affairs

Blue Grass Army Depot employees and Col. Joseph Tirone, BGAD commander, celebrated the official Army recognition Blue Grass received for its conventional ammunition demilitarization efforts in Fiscal Year 2009. The depot was awarded by the Army's Product Manager Demilitarization for generating \$837,721.75 -- the highest resource recovery and recycling revenue per funds received.

The depot's demil recovery was accomplished through its Maintenance Demil Division and the recycling through its Qualified Recycling Program managed by the installation's Morale, Welfare and Recreation Office.

Forty percent of the recaptured funds can be used at Blue Grass for approved equipment, facilities or projects that support ongoing and future demilitarization efforts. The remaining 60 percent of the R3 funding is combined with other depots' recaptured money to be used for the good of the Army ammunition demil community on a case-by-case basis.

The R3 program benefits the entire Army demil community by recouping funds that will be used to aid future demil projects to purchase related demil equipment or help fund a high priority project.^{M.C.}



U.S. Army photo courtesy of Crane Army Ammunition Activity

Agreement brings ISO containers, munitions to Crane

Munitions (Above) Crane employees Terry Pearson (left) and Ross Nolley operate forklifts during the recent retrograde move of ammunition.

By Tom Peske Crane AAA Public Affairs

CRANE, Ind. – Crane Army Depot Operations is playing a huge part in the receipt and storage of the retrograde munitions, the result of a Memorandum of Agreement signed between the United States and the Government of the Republic of Korea concerning the transfer and retrograde of former War Reserve Stocks Allies Korea.

The agreement, signed

in October 2008, will result in an enhancement of the combined defense capabilities of the U.S. and ROK. More than 237,000 short tons of munitions will be transferred to ROK, and the U.S. will retrograde more than 249,000 short tons of munitions by 2024.

Crane received the first of the munitions in July 2009 and recently received 450 International Organization for Standardization containers loaded with

WRSA-K munitions. Crane Army employees are currently unloading and storing munitions from these containers.

To date Crane Army has received 638 ISO containers and 10,691 short tons of WRSA-K munitions. Various serviceable and unserviceable munitions are being received.

Crane is slated to receive more than 400 more ISO containers in the coming months.^{M.C.}

DAC: First-of-its-kind course set to become web-based

DAC Public Affairs

McALESTER, Okla. -- "We are training the students to be qualified packaging professionals," said Doug White, Defense Ammunition Center, lead instructor for packaging technology training.

"For an individual to get MPP on their signature they must complete the packaging and preservation certification courses through DAC."

The Defense Ammunition Center provides direct support to the military packaging professional program, a partnership with the National Association of Professional Packers and Logisticians. The training program provides Department of Defense packaging professionals with a wide array of function-specific training and developmental opportunities.

The program's curriculum consists of six courses spanning the full scope of preservation and packaging functions. Course offerings range from basic entry level knowledge to advance packaging design and testing.

In efforts to continually improve products and services through DAC, the basic packaging and preservation course will be converted to web-based training

with an approximate launch date of March 2010. Other courses will be consolidated to provide a more detailed, hands-on learning environment.

The first 80-hour class, Defense Basic Preservation and Packaging (822-F13), was completed in late September 2009, just 11 months after assuming the mission.

The class graduated 23 students representing DoD military personnel, DoD civilian, and DoD contractor employees. The student feedback was extremely positive. Each student felt they had learned exactly what they expected to learn and looked forward to completing other program courses.

"Making boxes seem simple, but there is much more to it than that", said White.

"Students have to first clean the item they will be packaging and then follow standardized packaging data codes to interpret how to properly package

the item."

An environmental chamber was set up to test packaging materials for adequate shipment to theater. Equipment stations were constructed to train students on how to properly clean items returned from theater and prepare these items for shipment back to theater. A DoD approved Electro Static Discharge station was designed to ensure students have everything they need to include anti-static routes and an air ionizer to help keep the static discharge down.

The packaging and preservation workshop accommodates 25 students and gives each student the opportunity to take various items through the processes of consulting procedures, cleaning, drying, preservative application, wrapping and cushioning, unit packaging, marking, and final packaging to include Level A and B requirements.

"This course was very beneficial to me; it gave me a basic foundation of what I am going to need in the field," Staff Sgt. Ana Bryson, Peterson Air Force "MPP on the web" continued on page 11



U.S. Army photo by Jaime Thompson

Preparation Sascha Schaefer, Lead Transportation Assistant, Spangdahlem Airbase, Germany showcases his ability to successfully construct a shipping box using packaging data codes

McAlester X-ray offers reliability, speed

By Mark Hughes
McAlester Public Affairs

McALESTER, Okla. -- When it comes to X-ray technology, McAlester Army Ammunition Plant wins hands down with its state of the art equipment--the M9 Varian linear accelerator.

Not only does this digital technology allow more items to be X-rayed faster, but it's also more environmentally friendly. Used together with MCAAPs digital imaging system, the plant does not have a need for "film" technology that would produce chemicals and hazardous waste.

"The M9 Varian Linear Accelerator is highly reliable and prevents machine downtime," said Lisa Ever-

ett, quality assurance specialist and level III radiographer. "By preventing downtime for repair, we can keep inspections current with production and reduce the risk of product defect or rework," she explained.

The M9 Varian, paired with the imaging system, has the capability to X-ray up to nine specific, separate areas of an object in one pass of the machine according to Everett, and even changes the zone sizes and exposure times automatically. "Pre-programming an inspection lets us X-ray items quickly without having to stop the process and make manual adjustments on the machine for each exposure," she explained.

"With old technology we couldn't get the details and quality images of the nose of a 5,000 pound bomb penetrator because of its density. The M9 Varian can provide the details and quality necessary," said Terry Moore, nondestructive tester workleader and level III radiographer.

Additionally, the X-ray machine is large enough to X-ray the entire 5,000 pound bomb or most anything that will fit inside the X-ray building. To put this unit into perspective, "the penetrating energy is 100 times more powerful than your doctor's

chest X-ray unit", said Brad Black, chief, Quality Assurance Test Division.

Obtaining the M9 Varian linear accelerator required operators trained to use the instrument alongside their digital imaging system. "This was all 'old hat' for the experienced X-ray team," explained Black, "as they are each industry certified with six years or more experience in MCAAP X-ray."

The first items to be X-rayed using the equipment were primers produced by a commercial company between 1993 and 1995 for the U.S. Navy's 5 inch 54 caliber projectiles. Using the previous X-ray system, the last run of primers was about 15,000, which were inspected for foreign material or low powder. With the M9 equipment, they could check twice as many primers per day.

Representatives of the U.S. Navy visited McAlester to check their products and see the X-ray facility. "I think they were very pleased; at least that was my impression," said Moore.

In the near future the plant will be receiving two additional pieces of equipment that will add flexibility to their system. ^M_C

X-ray technology Mike Butler, level II radiographer (foreground) and Mary Emery, level I radiographer, carefully place a 2,000 pound bomb on "the cart" in preparation of the bomb being X-rayed.

U.S. Army photo by Mark Hughes



Driving while distracted: new policy tackles issue



By Rikeshia Davidson
JMC Public Affairs

ROCK ISLAND ARSENAL, Ill.-- The stop light is red, you hear a chime from your BlackBerry--you have a new message! Reaching for your cell phone, you begin reading the incoming text message--no longer paying attention to the stop light nor traffic.

Sound familiar, anyone?

If it does, you're one of many who effortlessly turn their attention to their cell phone--and away from the road--whenever it rings, dings or chimes with a new notification.

The frequency of drivers paying immediate attention to their wireless device is at an all time high, and this new distraction joins the list of other driver distractions like radio tuning, makeup application, writing and eating.

In October 2009, President Obama issued an executive order banning federal employees from text messaging while driving. This includes government-issued vehicles, private vehicles in use during temporary duty assignment and even the government-issued BlackBerry you may use.

Following the lead of President Obama, all federal installations and workplaces are adopting the order and even restricting more than just federal employees. For the Joint Munitions Command, Brig. Gen. Larry Wyche, commander, has implemented the executive order and prohibited texting while driving on all JMC installations.

FACT According to 2009 AAA statistics, eight states and the District of Columbia imposed bans on school bus driver use of cell phones: Arizona, Arkansas, California, Connecticut, Delaware, Georgia, Illinois and Kentucky.

Wyche extends the policy with added measure: "JMC employees, Soldiers, contractor personnel, family members, visitors and any other drivers on a JMC installation are all prohibited from texting while driving." For those unsure of which activities violate the federal executive order and JMC policy, the following provides clarity:

"Text" includes the messages themselves--whether SMS (short message service--the standard for most users) or MMS (multimedia messaging service--including text, video, audio and images). "Text messaging" is described by the order as 'reading from or entering data into any handheld or other electronic device, including for the purpose of SMS texting, e-mailing, instant messaging, obtaining navigational information, or engaging in any other form of electronic data retrieval or electronic data communication.'

"Driving" is defined as: 'operating a motor vehicle on an active roadway with the motor running, including while temporarily stationary because of traffic, a traffic light or stop sign or otherwise.'

Therefore, in accordance to the order, the only acceptable means to retrieve, send or read any electronic communications while driving consists of being safely out of traffic, off the road and in a stationary state.

According to Cyber Drive Illinois.

com, the National Highway Traffic Safety Administration estimates that at least 25 percent of police-reported crashes involve some form of driver inattention. Driver distraction is one form of inattention, and was a factor in more than half of these crashes.

It is important to note that texting while driving has been banned in 21 states; JMC plants and depots are located in six of those states. In addition, six other states have laws that prohibit local jurisdictions from enacting restrictions: Florida, Kentucky, Louisiana, Mississippi, Nevada, and Oklahoma.

For more information on distracted driving, visit www.distraction.gov

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executive producers, said: "For Love of Liberty has the power to forever change perceptions about the vital role African-Americans have played during the entire course of U.S. military history. I'm honored to be part of this important and ground-breaking film, and thankful to all my fellow actors who have helped to bring this story to life."

In addition to giving overdue recognition and honor to an unheralded aspect of America's past, For Love of Liberty also includes African-Americans who are shaping the future.


 A stylized graphic of a spotlight beam shining down, with the words "Spotlight on" written in a cursive, yellow font.

Lean Six Sigma

Another lean project, another round of cost savings

By Rebecca Montgomery
JMC Public Affairs

ROCK ISLAND ARSENAL, Ill. -- A Lean Six Sigma Green Belt project has reduced the time budget analysts spent preparing execution reports.

The time budget analysts previously spent preparing execution reports was cut in half.

It was uncovered there wasn't sufficient training for the analysts who were responsible for the report. This prompted the team to set another goal to create desk procedures and a training plan including step by step queries.

Led by Cheryl Chris-

tensen, budget analyst for Resource Management, the LSS project team reduced the time spent preparing the reports by 58 percent--exceeding the goal. The result was a \$3000 cost avoidance.

"We used the Lean Six Sigma tools to evaluate the process, and it worked out well," she said.

Christensen explained that under the old process analysts manually pulled data each month for the execution reports--reports used by budget analysts track how military interdepartmental purchase request money is spent--from several different accounting systems and put it into Excel spreadsheets.

As a result of the LSS

project, it will be possible to automate some of the reports.

Before the project, some of the data didn't change from month to month and wasn't necessary, plus the reports the analysts prepared for four different offices were in different formats.

"We were looking at a way to standardize and streamline the process so the JMC offices would get what they needed, and we would spend less time to doing the reports," Christensen said. ^{JMC}

Did you know?

JMC is the 2009 Army Lean Six Sigma Excellence Awards recipient of the Subordinate Level Organizational Development Award. Congratulations!

For JMC news anytime and archived Bullet'n issues, log on to:
www.jmc.army.mil

30 caliber rounds keep rolling at Radford

By Rikeshia Davidson
JMC Public Affairs

RADFORD, Va. --“We have the common goal. We want to provide a quality product,” said Anthony Lee of himself and Patricia Bouknight-Hamilton.

Lee is a quality assurance representative for Radford Army Ammunition Plant and Bouknight-Hamilton is the Alliant Techsystems, or ATK, product center manager for medium-caliber load assemble pack. And together they take pride in the work they do.

Serving as the operating contractor of Radford Army Ammunition Plant, ATK operates the 2,821 acre, southwest Virginia plant located in the New River Valley. It's there that the M789, lightweight 30mm, high explosive dual purpose round is produced. Used for the Army's AH-64 Apache helicopter, the making of the LW30mm round requires various tests and retests--all to ensure a quality product.

These days, the product continues to be in demand.

In January 2008, 75,749 rounds were produced. However in July 2009, the number of rounds increased and in that month 104,530 rounds rolled off the line.

Whether turning out

75,000 or 100,000 rounds, there are standards and requirements to be met. Both Lee and Bouknight-Hamilton make sure the job is done right.

“They (ATK) have their own quality assurance personnel and they do a remarkable job ensuring that the product is produced per specification,” said Lee.

As the ATK product center manager for medium-caliber LAP, Bouknight-Hamilton explained a few of the quality standards in place for the

LW30mm round.

“We're constantly looking for areas in which we might make improvements in the process in order to make the produceability much better. All the while we are looking for ways to reduce the variability and potentials for defects. Statistical Process Controls are in place to provide real-time information about each operational process. In process testing is done throughout the build cycle to ensure performance requirements will be met,” said Bouknight-Hamilton.

Those are but a few of the routine tests conducted to ensure the quality of the LW30mm round. The physical inspection occurs with as much frequency and again requires a collaborative effort between Rad-

ford's top QAR and ATK.

“My job mainly is in government oversight. I do random inspections, walk-throughs and I witness particular parts of the testing--like bullet retention.

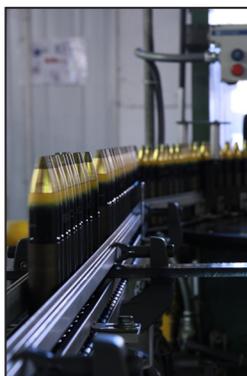
“(And) we do procedure audits and the primary reason for procedure audits is to assist them (ATK), point out the areas that need improvements. Then we do a stepback review. A stepback review is not formal and we just inform them--make suggestions for improvement. They have the option of making improvements or not making them,” said Lee.

When asked if suggestions from a stepback review were ever not implemented, Lee replied, “I've never had an occasion where they said, ‘nope, we're not doing that’-
“Radford rounds” continued on page 11



Photo courtesy of ATK

Rolling off the Line M789 high explosive dual purpose rounds shown in production at Radford Army Ammunition Plant, Radford, Va.



Army's logistics system creates environment of improvement

Courtesy of JMC Enterprise Integration Data Management Team

Since the conception of LMP, data has been one of the key issues in deploying a viable solution. One of the first major lessons learned during Deployment 1 and 2, was the value of quality data. Since that time, a dedicated core group of individuals has a mission to make the data as accurate as possible.

At the Joint Munitions Command, the LMP Enterprise Integration Data Management Team has spent the intervening years reviewing business processes, cataloging discrepancies and identifying new, altered and obsolete business rules.

This team took the lessons learned from the previous deployments, where data would not pass the migrating edit criteria and the pushing of the information without validation. The large number of LMP errors was overwhelming and significant. In order to avoid this scenario, JMC has worked on positioning itself with a goal for "go live" of a 98 plus percent data solution.

This task has been successful so far, due to a number of forward-thinking activities. The team conducted a Lean Six Sigma Green Belt project that provided the JMC command group the proof that it needed to hire contractors to "cleanse" the data.

This group consisted of retired subject matter experts that did not have to be trained. While researching the legacy system information, it was imperative to review the business rules and validation logic. That process has

progressed to looking at what needs to be migrated and creation of viable master records.

The Munitions and Logistics Readiness Center and JMC Enterprise Integration Data Management Team oversee the contractors' performance of those activities. After only one year, the MLRC Data Cleansing Team corrected between 85 to 90 percent of the major legacy ammunition data, or approximately 190,000 errors within the National Stock Number Master Data Record of the Commodity Command Standard System.

With that process the validation criteria and business rules were also reviewed. Many errors were refined or corrected. The efforts of all those

involved in the data cleansing will facilitate a smoother transition from legacy to LMP.

LMP Update

Fund Center: An organizational unit within a financial management area to which budget authority is assigned or distributed.

Legacy Equivalent: The legacy term is "Limitation" (consumables, repairs, depot maintenance, ordnance) and prescribed by the DFAS-IN Manual 37-100.

Data Management Considerations



MPP on web

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Base, Colorado Springs, Colo.

As DAC began the transition, the challenge of "ramping up" to teach such a wide ranging curriculum became apparent. Instructors had to learn new skills and become experts in the field of military packaging. Facilities had to be reassigned and upgraded to meet the new requirements. The program's course of instruction requires 40 percent classroom training and 60 percent hands-on practical exercises. The intermediate and advance courses use highly specialized equipment to conduct cleaning, preservation, and packaging testing.

To meet the training demand and accommodate the new equipment, the DAC Training Directorate dedicated the Applied Instruction Facility to the new packaging program. The facility was upgraded with greater electrical capacity, increased water supply and supporting drainage, and an industrial grade compressed air supply.

DAC is now the single source of military packaging and preservation training. DAC assumed the mission



U.S. Army photo by Jaime Thompson

Hands on learning Staff Sgt. Ana Bryson, Peterson Air Force Base, Colorado Springs, Colo. is cleaning an item with Sky-Sol solvent to efficiently remove any grease from the item.

in October 2008 when the School of Military Packaging Technology relocated to DAC from Aberdeen Proving Ground, Md., satisfying Base Realignment and Closure action.

The series of military packaging related courses for Fiscal Year 2010 are currently available. Class schedules are accessible through www.ammo.okstate.edu

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Soldier ready continued from page 1

The installation's workers were not following a standard operating procedure and were not adequately trained in painting techniques; this caused them to use extra paint and generated more waste.

"We identified a liability, provided training, and got the correct equipment. The installation, through its leadership, turned this around in less than a year," said Tiemeier.

Tiemeier emphasized the importance of integrated practices throughout the installations. "EMS has to include everybody who comes through the gate including tenants - - everything has to adhere to environmental prevention," he said.

Tiemeier is confident about sustaining the JMC's environmental gains.

"We're making processes that are not just environmentally compliant, but Soldier ready. There is no way we can provide ammo to the troops and be Soldier ready without that," Tiemeier said. JM
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-never had an occasion."

Successful production of the LW30mm is no accident. It is a job taken seriously to ensure safety, quality and dependability of the round. Most importantly, the production of the round must go forward to ensure it reaches its customers.

"My goal is to make sure it's quality ammunition because we want to provide a quality product to the men and women defending our country. And there's no room for ego--either it's right or it's wrong. We all have the same goal in mind: to make sure the ultimate end customer is well taken care of.

"Whether it (is) getting quality parts that they need and making sure they're there when they need it: the last thing we want is to have a delay in the shipment of ammunition to somebody who's in need," said Lee. JM
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