

**U.S. ARMY**

# USAG Rheinland-Pfalz Directorate of Public Works Facility Manager (FACMAN) 8-Hour Course

**Truett D. Sanchez, P.E., C.E.M**  
**Director**



# Course Agenda

- Welcome/Introductions – DPW/Director/AOB: 0900-0930 (30 minutes)
  - ✓ Introductions (*Name, Rank/Grade, Position, Unit, Post*)
- Why FACMAN – Director: 0930-0945 (15 minutes)
- DPW Overview – Director: 0945-1000 (15 minutes)
- Business Operations – BOID: 1000-1100 (1 hour)
- Energy/Environmental – EMD: 1100-1200 (1 hour)
- Lunch 1200-1300 hours (1 hour)
- Installation Status Report-Infrastructure – MPRPD: 1300-1400 (1 hour)
- Safety – ISO: 1400-1430 (30 minutes)
- eMH, ALERT & ICE – Director/AOB: 1430-1500 (30 minutes)
- Test/Graduation – DPW: 1500 - 1600 hours (1 hour)





# USAG Rheinland-Pfalz Organizational Chart

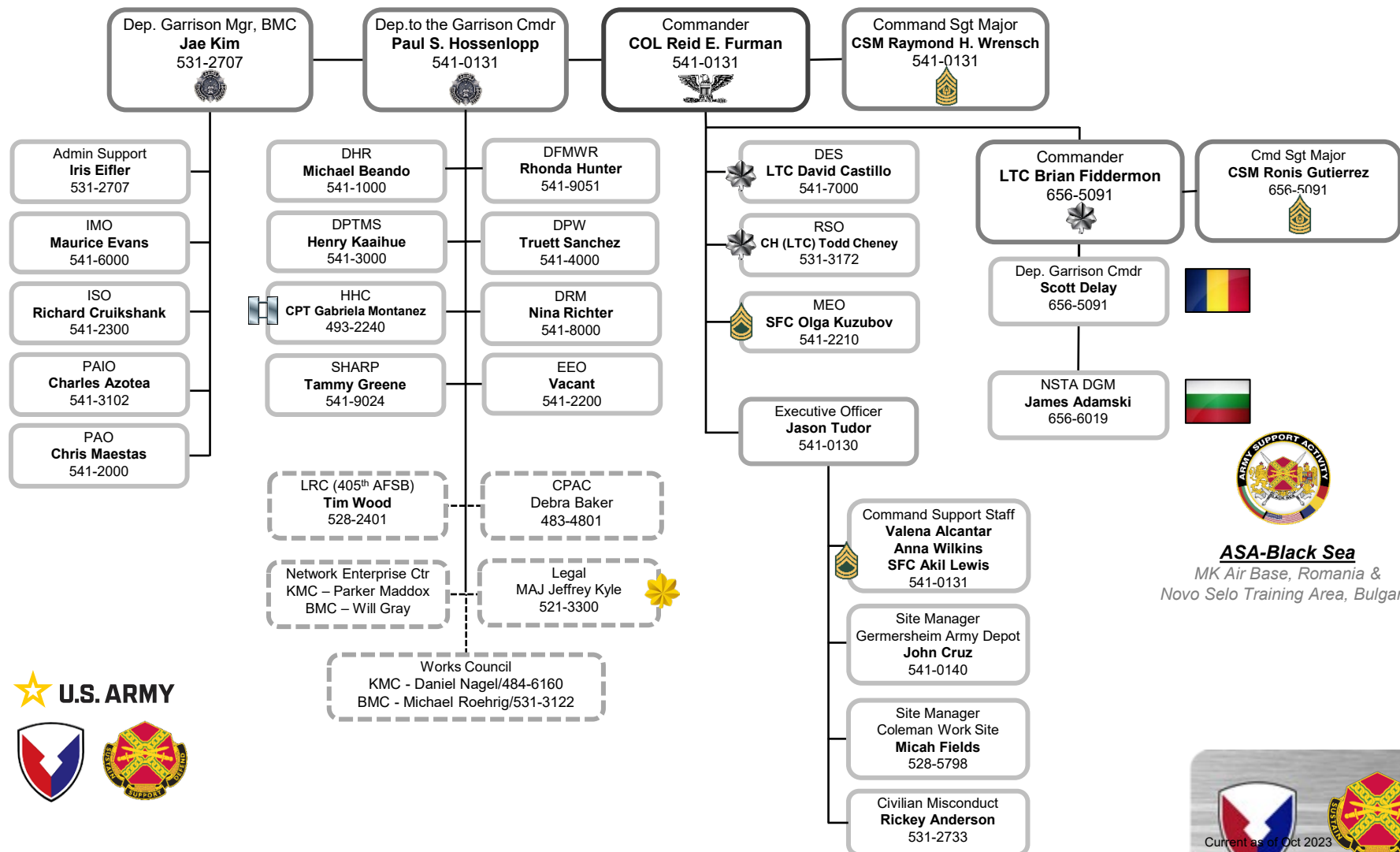
## MISSION

*U.S. Army Garrison Rheinland-Pfalz serves, supports, and secures the total force community enabling power projection for the European Theater.*



## VISION

*A trusted team of Army Professionals dedicated to supporting our mission partners and communities. We deliver world-class garrison services and enable readiness to meet emerging requirements.*



U.S. ARMY



Current as of Oct 2023  
OPR: Jason Tudor, XO, 541-0130



# Current Operating Environment

## Area of Responsibility / Footprint







# DPW FACMAN 8-Hour Course

## FACMAN / DPW Overview

Truett Sanchez

Director

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DSN: 541-4000





# U.S. Army Installation Management Command (IMCOM)

*Our mission: IMCOM integrates and delivers base support to enable readiness for a globally-responsive Army.*



**We Are the Army's Home**

***Our vision: Committed to Service – Enhancing Readiness – Sustaining the Army Culture***

***IMCOM handles the day-to-day operations of U.S. Army installations around the globe – We are the Army's Home. Army installations are communities that provide many of the same types of services expected from any small city. Fire, police, housing, and child-care are just some of the things IMCOM does in Army communities every day.***





# Army Regulation 420-1, Army Facilities Management



Summary. This regulation addresses the management of Army facilities. Specifically, it describes the management of public works activities, housing, and other facilities operations and management, military construction program development and execution, master planning, utilities services and energy management, and fire and emergency services. Also, it identifies and synthesizes other regulations that provide detailed facilities management policy.

## Purpose

This regulation provides policies and responsibilities for conduct and management of facilities engineering, housing, fire and emergency services, and environmental support.





# TASKORD: FACMAN Appointment



(U) Situation. The US Army Garrison Rheinland-Pfalz (USAG RP), Directorate of Public Works (DPW), like most other Garrison directorates, has seen significant budget reductions impacting both in-house and contracted workforce over the past several years; however, the DPW mission must continue to be accomplished. To assist DPW with accomplishing its mission, this Task Order directs/requests unit leaders appoint a competent individual to be assigned as a Facility Manager (FACMAN).

(U) Mission. Unit commanders, directors, and tenant organization heads, within the USAG RP AOR, will appoint at least one primary and one alternate FACMAN and provide a copy of appointment memorandums to the USAG RP Directorate of Public Works, Business Operations and Integration Division (BOID).

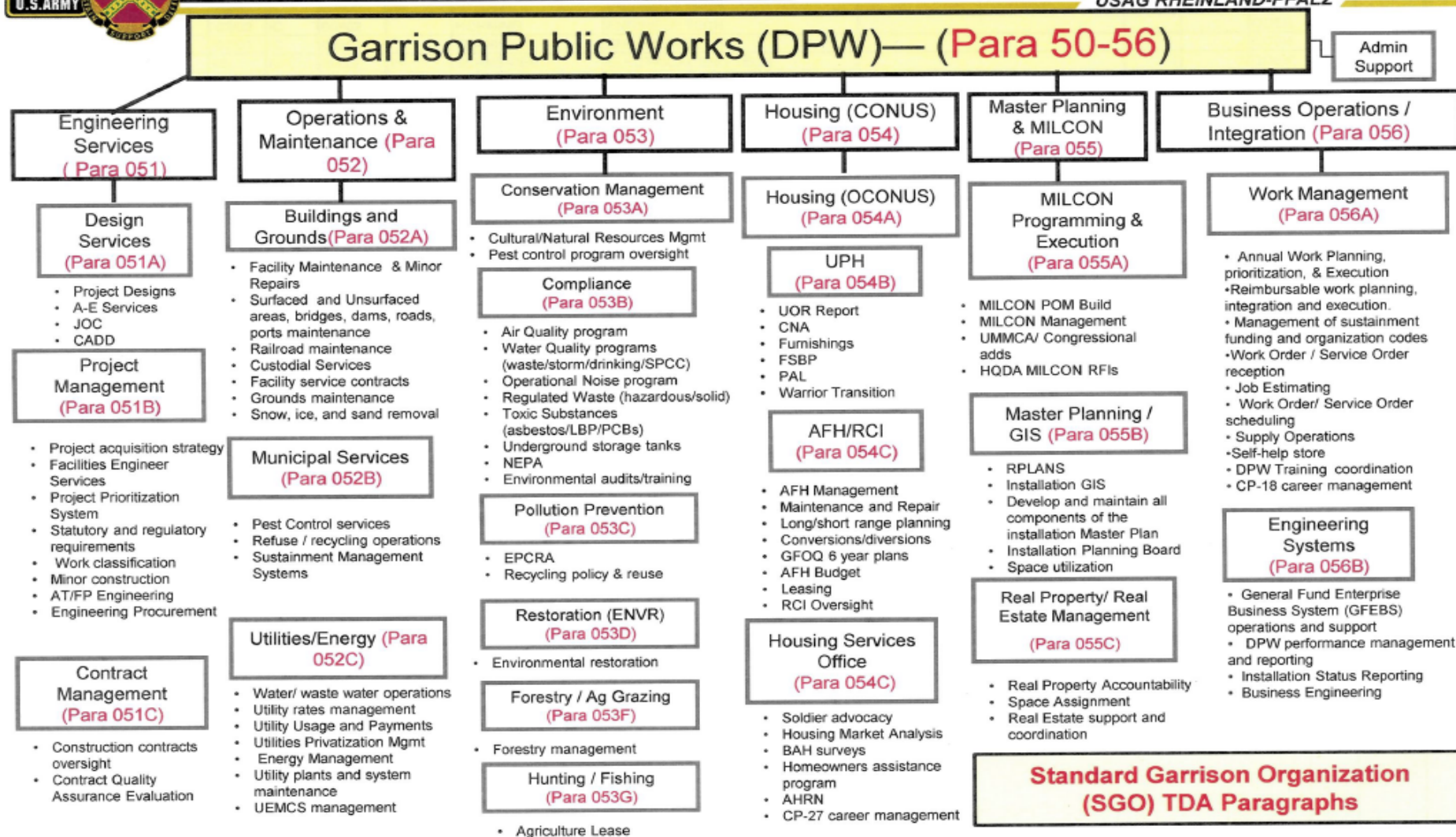
(U) Commander's Intent. To ensure adequate assignment of FACMANs to serve as DPW Liaison Officer (LNO) to provide the consolidated responsibilities of the following duties: 1) Installation Status Report-Infrastructure (ISR-I) Inspector, 2) Building Energy Monitor (BEM), 3) Building Environmental Officer (EO), and 4) Hazardous Substances Manager (HMS), if applicable. NOTE: In addition to the previous "mandatory" duties, unit leaders may also consider appointing the FACMAN with the following duties: 4) Collateral Duty Safety Officer, and 5) Building Fire Marshall.





# DPW ROLES AND RELATIONSHIPS

USAG RHEINLAND-PFALZ



Energy Management  
Branch





# Directorate Public Works (DPW)



**MISSION:** The Directorate of Public Works' mission is to provide safe, clean, comfortable and functional facilities in an environment to meet the needs of Soldiers, civilians and family members within U.S. Army Garrison Rheinland-Pfalz.



## Master Planning and Real Property Division (MPD)

MPD develops and maintains Master Plans, conducts Real Property Planning Board meetings, provides Major Construction Programming Services and provides maximum utilization of Facilities. The Real Property Branch services the acquiring, managing and disposal of Real Property & Estate.



## Environmental/Energy Management Division (EMD)

EMD provides environmental and energy guidance, support and liaison services to those who live, work and train on the installation. Their role is to ensure the military community complies with all necessary environmental requirements.



## Business Operations Integration Division (BOID)

BOID provides management of directorate resources, information technology, human resources and organizational strategic planning along with financial planning, analysis, programming support and industrial engineering services.



## Facility Engineering Division (FED)

FED provides engineering support and construction project management to the Garrison. The DPW's Engineering Division plans, organizes, coordinates and oversees planning, execution of design, and construction.



## Housing Management Division (HMD)

HMD supports personnel with unaccompanied, on post and private rental housing. Administers housing entitlements, furniture support and provides guidance to Command on Exceptional Situations in support of Soldiers and their families.



## Operations & Maintenance Division (OMD)

O&M supports the Garrison mission through effective use of energy, providing/maintaining sustainable facilities/infrastructure, and emphasizing a culture of safety.



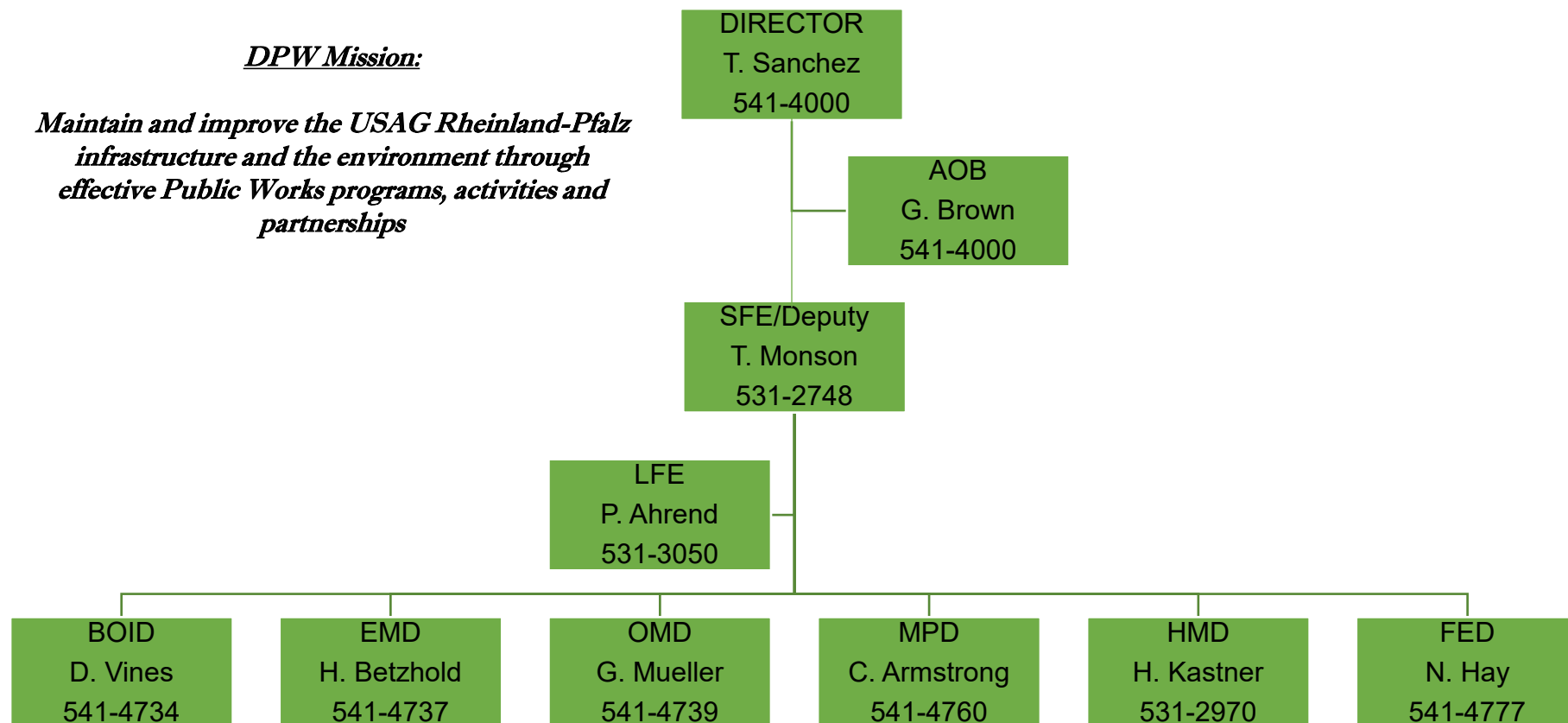




# DPW ORGANIZATION

## *DPW Mission:*

*Maintain and improve the USAG Rheinland-Pfalz infrastructure and the environment through effective Public Works programs, activities and partnerships*





# DPW Mission

The DPW will enhance the readiness of the forces by:

1. Providing quality, responsive support to the community for facilities, utilities, and natural resources.
2. Providing a responsive feedback system to the customer concerning requested support.
3. Reviewing and technically approving all projects to ensure engineering adequacy and compliance with the USAG Rheinland-Pfalz Facility Plan, the Installation Design Guide (IDG), current Department of Army construction criteria, and the IMCOM Europe Guidelines for Offices.
4. Managing the Environmental Program to ensure compliance with the Environmental Quality Control Committee (EQCC), US, and host nation statutes and regulations.
5. Managing community construction, maintenance, and repair programs.
6. Encouraging customer participation in the self-help program.
7. Managing Family Housing, Off-Post Housing and Barracks
8. Providing liaison for all US Army personnel and their family members served by the Air Force Housing Office, Vogelweh.





## **Army Maintenance Application (ArMA)**

**24/7 App: [www.armymaintenance.com](http://www.armymaintenance.com)**

## **Kaiserslautern Military Community (KMC):**

**24/7 Army Maintenance: 0631-411-7175 / 7281 / 7385 / 8929**

**24/7 Air Force Housing Maintenance: 06371-463-9510**

**Email: [CE.Customer.Service@us.af.mil](mailto:CE.Customer.Service@us.af.mil)**

## **Baumholder Military Community (BMC):**

**0800-1630 M-F; not on German/American holidays: 0611-143-531-3060**

**Afterhours Emergency: 06783-6-115 (US Fire Department)**

**Email: [usarmy.rheinland-pfalz.usag.mbx.dpw-bmcsubmit4283@army.mil](mailto:usarmy.rheinland-pfalz.usag.mbx.dpw-bmcsubmit4283@army.mil)**

## **Germersheim Army Depot (GAD):**

**0730-1600; M-Th; 0730-1430 on Fri; not on Ger/Am holidays: 0611-143-541-4842**

**Afterhours Emergency: 0631-303690 (US Fire Department)**

## **Directorate of Public Works (DPW) Headquarters:**

**0700-1630 M-F; not on American holidays: 0611-143-541-4000**

**<https://home.army.mil/rheinland-pfalz/index.php/about/directorates-support-offices/directorate-public-works-dpw>**

**Email: [usarmy.rheinland-pfalz.id-europe.list.dpwonestop@army.mil](mailto:usarmy.rheinland-pfalz.id-europe.list.dpwonestop@army.mil)**

**POLICE: 110**

**FIRE / MEDICAL: 112**





# BOLD Overview

Mr David Vines

Chief, Business Operations & Integration Division

[david.w.vines.civ@army.mil](mailto:david.w.vines.civ@army.mil)

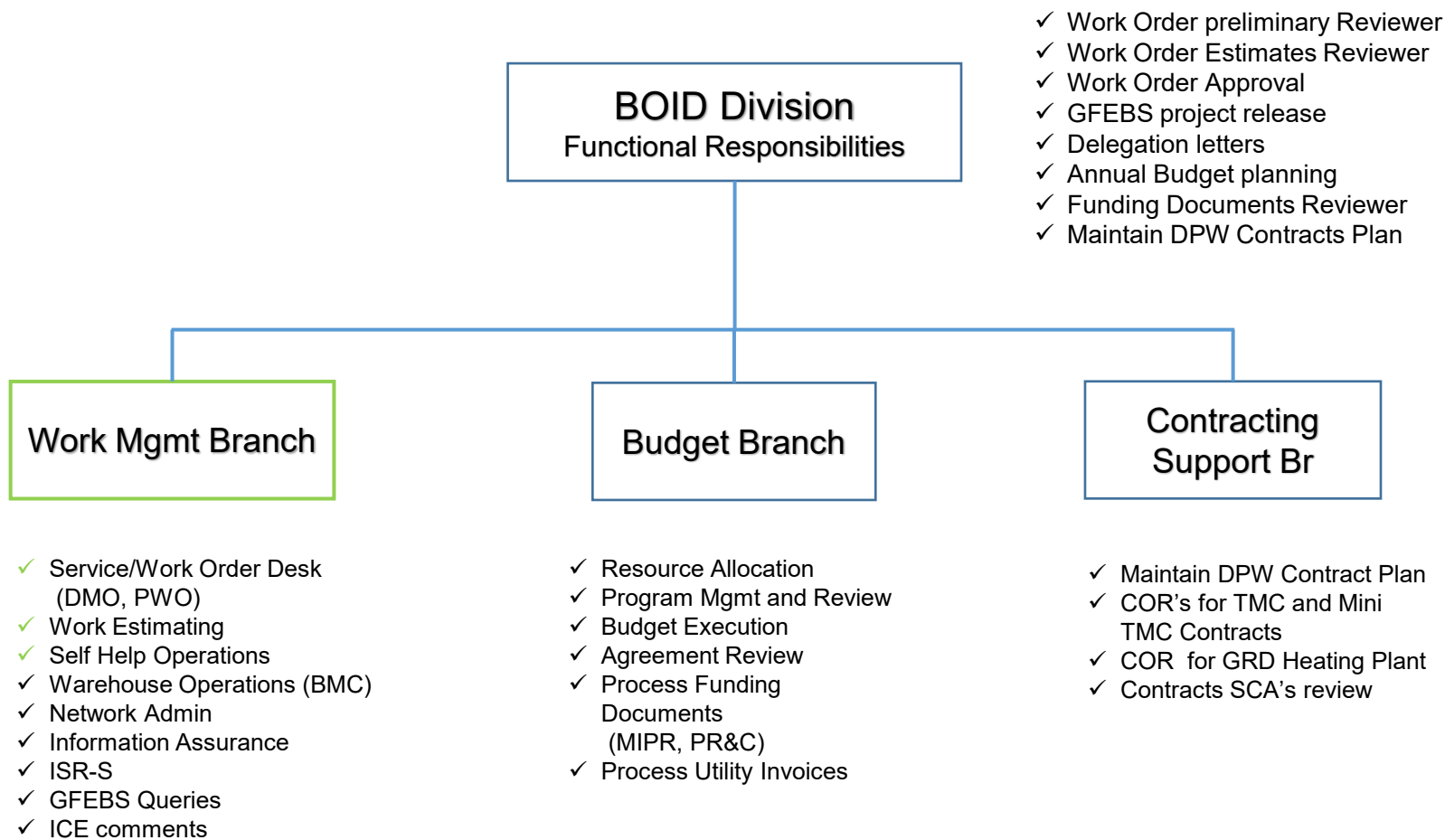
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# Business Operations & Integration Division

## BOID Primary Functions





# DPW Common Acronyms

AR	Army Regulation
CLS	Common Levels of Support
COR	Contracting Officer's Representative
DFAR	Defense Federal Acquisition Regulation
DFAC	Dining Facility
DMO	Demand Maintenance Order ( <i>GFEBBS term</i> )
DPW	Directorate of Public Works
GFEBBS	General Fund Enterprise Business System
IJO	Individual Job Order
IMCOM	Installation Management Command
J-Account	Operations of Utilities
K-Account	Maintenance and Repair of Real Property
KO	Contracting Officer
L-Account	Minor Construction
M-Account	Municipal Services
OWO	Operational Work Order ( <i>GFEBBS term</i> )
PM	Preventive Maintenance
PMO	Preventive Maintenance Order ( <i>GFEBBS term</i> )
PWO	Project Work Order ( <i>GFEBBS term</i> )
SFE	Senior Facility Engineer
SO	Service Order
SOO	Standing Operating Order
SRM	Sustainment, Restoration & Modernization
TMC	Total Maintenance Contract







# Facilities Maintenance and Repair

Maintenance and repair includes, but is not limited to, the maintenance and repair of facilities, structures, transportation infrastructure of roads, parking areas, sidewalks, and the storm water management system. Maintenance and repair work are performed on either a scheduled or an unscheduled basis to preserve and maintain a facility in such a condition that it may be used effectively for its designated functional purpose.

- Scheduled services are documented through Preventive Maintenance Orders (PMO) and Operational Work Orders (OWO).
- Unscheduled services are documented through Demand Maintenance Orders (DMO). These services include work that is either corrective in nature (e.g., repairs, modifications, installations, and replacements) or not generally considered to be a maintenance activity. DMO's are categorized by priority: Emergency, Urgent, or Routine.
- Project Work Orders (PWO) are used for unscheduled work exceeding the scope of a DMO.

**New Work:** Work that result in the creation or addition to an existing facility or a building component, irrespective of whether the work is funded from a construction or an operation and maintenance (O&M) account.





# DPW Primary Funding Sources

TYPE	USAGE	REQUIREMENT	ACTUAL
Sustainment (Srm)	Maintenance, Repair and Minor Construction ( $< \$7.5M$ )	100% FSM	67% FSM
Restoration & Modernization (sRM)	Repair ( $< \$7.5M$ ); Minor Construction ( $< \$2M$ )		\$0
Base Operations Support (BOS)	Municipal Services (Grounds, Snow, Pests, Refuse, Recycling) Utilities (Gas, Elect, Water, Fuel)	100% BRM	"SALY"





# FY21 Garrison Decision Support Tool (GDST)

## 1) IMPACT TO LIFE, HEALTH SAFETY (LHS)

HIGH (RAC 1 or 2) = 50  
MEDIUM (RAC 3 or 4) = 25  
LOW (RAC 5) = 15  
N/A = 0

## 2) RISK OF ASSET FAILING

HIGH (12 months) = 50  
MEDIUM (24 months) = 25  
LOW (36 months) = 15

## 3) OACSIM FACILITIES READINESS DRIVER

T1 = 50  
T2 = 25  
T3 = 15

## 4) ISR INFRASTRUCTURE RATINGS

F4=4	Q4=4	R4=4	*C4=4
F3=3	Q3=3	R3=3	*C3=3
F2=2	Q2=2	R2=2	*C2=2
F1=1	Q1=1	R1=1	*C1=1

\* Real Property Planning and Analysis System (RPLANS)

## 5) Army Senior Leadership (ASL) PRI "Facilities Investment Program"

1 Quality of Life on Army Installations = 15  
2 Strategic Readiness & optimized Power Projection Capacity = 14  
3 Army Training & Readiness Facilities = 13  
4 Army Industrial Base = 12  
5 Facility Modernization to support Army Modernization = 11  
6 Remaining Facilities = 10

## 6) SRO/GC PRI

HIGH = 14  
MEDIUM = 13  
LOW = 12

## 7) GBOD/CUSTOMER PRI

HIGH = 5  
MEDIUM = 4  
LOW = 3

**MAXIMUM SCORE = 200**



All information acquired from  
AR 420-1 (2008), DFARS 222.402-  
70 (2012), and GFEBS (2016).



# Task Categorization

## DMO (SO)

- Demand Maintenance Order
- Known as Service Order (SO) in AR 420-1
- Unscheduled/Unplanned
- Used for Services/Maintenance/Repairs in response to customer request
- Orders requiring 32 hours become PWO and are subject to construction wages (per DFARS)
- 3 levels of Priority\*

**P1—Emergency/Critical:** responded to ASAP and no later than one hour of the request; completed within 24 hours of request unless urgency has been reduced to Urgent

**P2 – Urgent:** complete in 7 duty days

**P3 – Routine:** complete in 30 calendar days

## OWO (SOO)

- Operational Work Order
- Mostly scheduled work; predictable
- **Recurring services** other than preventive maintenance in same place(s) and at same frequency
- Can vary significantly in nature, scope, location
- May involve multiple crafts and subcontractors
- Any changes in scheduled workload will be incorporated into contract by modification
- Requires DA Form 4283

## PMO (PM)

- Preventive Maintenance Order
- Known as Preventive Maintenance
- Scheduled work
- **Recurring maintenance**
- Requires DA Form 4283
- Fixed prices for each job

## PWO (IJO)

- Project Work Order
- Known as Individual Job Order (IJO) in AR 420-1
- Unscheduled work
- Exceeds scope of DMO
- Individual, non-recurring
- Used for major repair, preventive maintenance, renovation, and/or alteration
- Used for minor construction or services "projects"
- NOT used for A+E design
- Must be Competed
- Threshold of \$150,000 per project
- Requires DA Form 4283-1

### \* Levels of Priority:

Priority 1 - Emergency/Critical  
Priority 2 - Urgent  
Priority 3 - Routine







# Work Execution Examples (1/2)

## DMO

### Demand Maintenance Orders

#### Priority 1

##### Emergency/Critical

- Gas, oil, and steam leaks
- Building floods
- No water, hot water, or steam in medical or dining facilities
- Safe and Secure Alarms/Doors, etc.
- Sewage backing up into building
- Total power outage in a building
- Downed high voltage powerline
- No heat or air conditioning in soldier living quarters
- Loss of heat during periods of cold weather
- Locksmithing
- Pest Extermination
- Natural Disasters

#### Priority 2

##### Urgent

- Inoperative emergency or exit lighting
- No air conditioning if temperature is over 80°F in buildings other than soldier living quarters
- Broken floor decking, stairs, docks, etc.
- Continuously running water (toilets, faucets)
- Inoperability of plumbing fixtures and drain lines when other facilities are available in the same building

#### Priority 3

##### Routine

- Replace broken windows
- Repair plumbing fixtures when other fixtures are available and not causing damage to the facility
- Repair sticking door or window
- Repair a pothole
- Roof leaks
- Pest Control
- Chemical toilet requests and maintenance
- Washer/dryer repair

## PWO

### Project Work Orders

- Repair/Replace air handlers
- Install handicap ramp
- Painting exterior of large building
- Repair/Replace fire escape





# Work Execution Examples (2/2)

## OWO

### Operational Work Orders

- Yearly Christmas tree lighting
- Seasonal HVAC system changes
- Scheduled grounds maintenance – grass cutting, street sweeping, snow plowing
- Pest Management services
- Refuse removal
- Snow removal

## PMO

### Preventive Maintenance Orders

- Daily boiler plant operations, sewage plant operations
- Daily testing of water
- Monthly inspections of lift stations
- Annual cleaning of cooling towers
- Annual inspection of sump pumps
- Grounding point testing
- Preventive maintenance of HVAC units (e.g., filter replacements)
- Fire/Security alarm troubleshooting
- Fertilization and Herbicide
- Asbestos inspection/reports
- Lead containing paint surveys and reports





# Who to call for a Demand Maintenance Order

## (Service Order)

Location: (KMC Area) Daenner Kaserne, Bldg. 3113

- Hours: 0730 - 1600 Monday through Friday
- Phone: DSN 483-7175 / 8929 / 7281  
CIV 0631-411-7175 / 8929 / 7281

Location: (BMC Area) Smith Barracks, Bldg 8165

- Hours: 0800-1630 Monday-Friday
- Phone: DSN 531-3060  
CIV 0611-143-531-3060; After hours call 115

Location: Germesheim

- Hours: 0715-1200 and 1230-1600 Monday to Thursday; Friday 0715-1200 and 1230-1430
- Phone: DSN 314-541-4842 or CIV 0611 143 541 4842; After hours call 115

Location: Gruenstadt

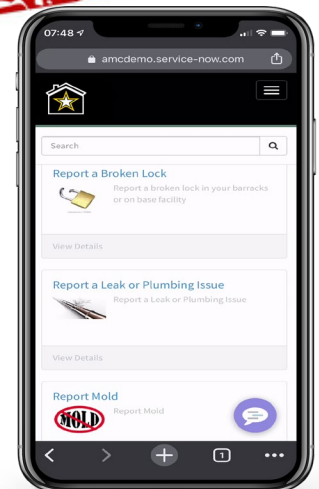
- Hours: 0730-1600 Monday-Friday
- Phone: 06359-808241; after hours 112





# Army Maintenance App (ArMA)

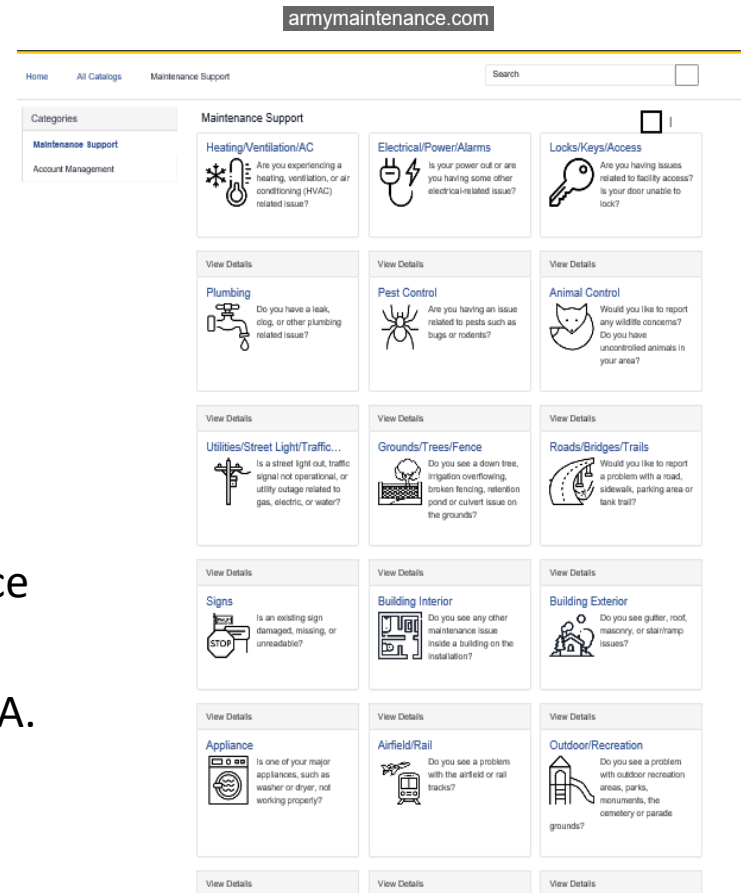
**OPEN 24-7**





# Army Maintenance Application (ArMA) App

- ✓ Army Maintenance Application (ArMA) is a new system that allows all tenants on Army installation from fence to fence (not privatized housing) to electronically submit and track DMOs to the DPW work order desk.
- ✓ The app can be launched on a computer or smart phone through a publicly available website.
- ✓ Do not use ArMA for emergencies, such as appliance and furnishing.
- ✓ Those requests should not be submitted using ArMA.
- ✓ Contact the Service order desk: BMC 531-3060 or KMC UPH office 541-5260.







# ArMA Overview

## ✓ ArMA Functions

- Quickly and easily submit housing related questions or issues via a phone or web browser
- Include pictures of the issue
- Check the status of an issue on-line
- Communicates with tenants via email and text
- Submit questions, comments, or responses to the DPW customer service desk
- Automated delivery of customer satisfaction survey upon completion of maintenance orders

## ✓ ArMA Facts

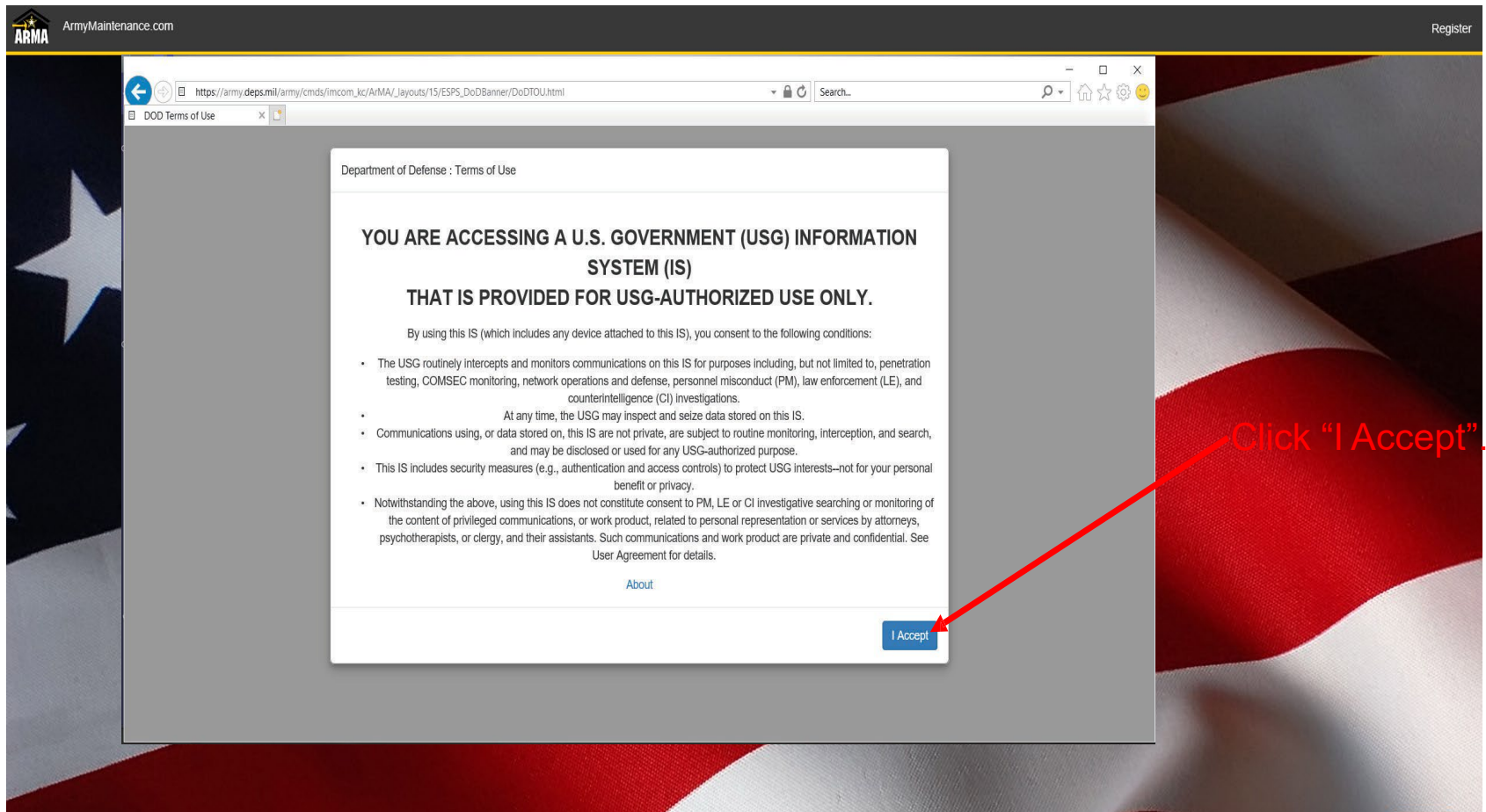
- Self-registration by soldiers and family members with self-identification of installation, building, and unit
- Accounts must be confirmed by a “army.mil” email address
- Linked within the Digital Garrison App
- Common platform for residents command-wide (ServiceNow)
- To request Manager Role in ArMA email: [support@armymaintenance.com](mailto:support@armymaintenance.com).





# ArMA Account Setup Instructions

ArMA Resident Access Site: <https://www.armymaintenance.com>



Note: Edge works better than Explorer





# ArmyMaintenance.com (ArMA) Fact Sheet

- ArMA directed at Army owned and managed facilities **ONLY**
  - No – Privatized Housing or other facilities maintained by other entities
- ArMA is accessible through the app or <https://www.ArmyMaintenance.com> (note the .com)
- ArMA is another tool that allows installation customers to submit a maintenance request.



Telephone



email



walk-in





# ArmyMaintenance.com (ArMA) Fact Sheet

- DPW Service Order clerks determine:
  - If a maintenance **request** meets requirements to become a Maintenance **Order**
  - Creation of approved Maintenance Order in GFEBS
  - Priority of GFEBS Maintenance **Order**
- Who can create an ArMA USER account?
  - All installations customers with a .mil email (Military, Civilian, & Contractor)
  - Dependent Family members accounts approved by their Military or Civilian Sponsor
  - Installation customers of an approved on-post organization (with .mil approval)





# IS SOMETHING BROKEN?

Do you need DPW/maintenance help?  
You can now use ArMA for **ANY** DPW maintained facility.

Scan the code below with your smartphone camera  
to open the Army Maintenance Application (ArMA) and submit a case.



**ARMYMAINTENANCE.COM**

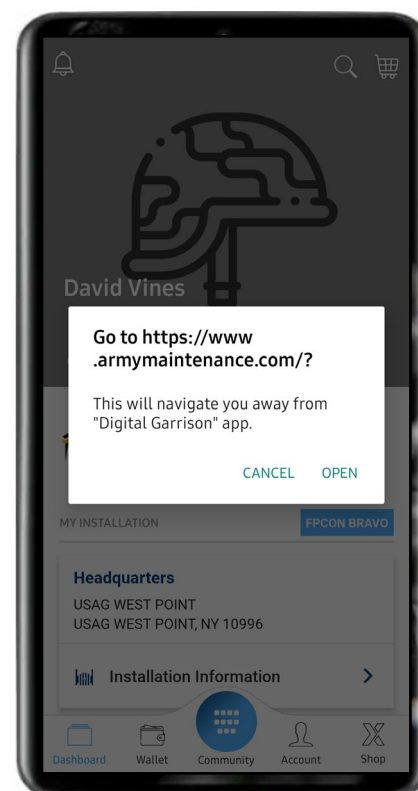
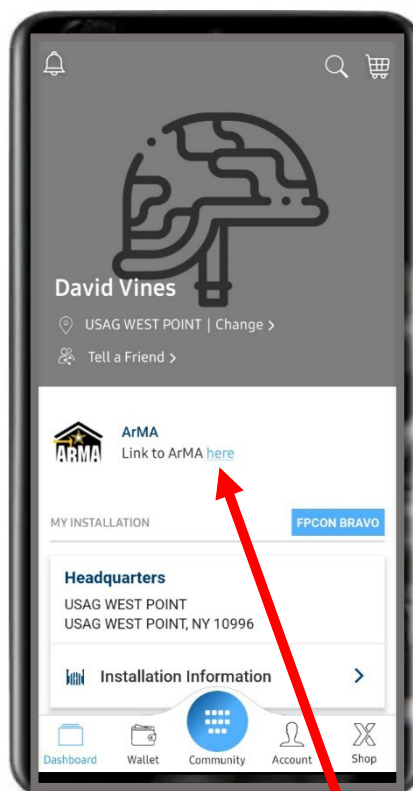




# ArMA Registration



## REGISTER



ArMA can be accessed through this link in the Digital Garrison app





# ArMA Registration

UNCLASSIFIED//FOUO

REGISTER



www.armymaintenance.com

Army Maintenance Application

### Sign Up

All fields are required unless labeled 'Optional'.

Email Address

resident@gmail.com

Personal or military email address. This will be your system login.

Army Sponsor Email Address

sponsor.mil@mail.mil

Service Members and Civilians: Enter your OWN @mail.mil email address.

Dependents: Enter your SPONSOR's @mail.mil email address. Your ArMA account will be created after the sponsor responds to the confirmation email.

First Name

Resident Name

Middle Name (Optional)

## Account Setup

- Cadet email address
- Enter TAC email as Sponsor for authorization purposes.
- Cadet's personal contact number
- Select cadet's contact preference
- Selecting your "Garrison" and "Site" locations will open the "Unit" options.
- Enter Building Number for barracks

www.armymaintenance.com

Army Maintenance Application

Phone Number

(000)000-0000

Preference for Notification Method

☒ Email

☐ Mobile Text

☐ Both Email and Text

Garrison (Optional)

Fort Detrick

Site (Optional)

Fort Detrick

Building

1538

Unit

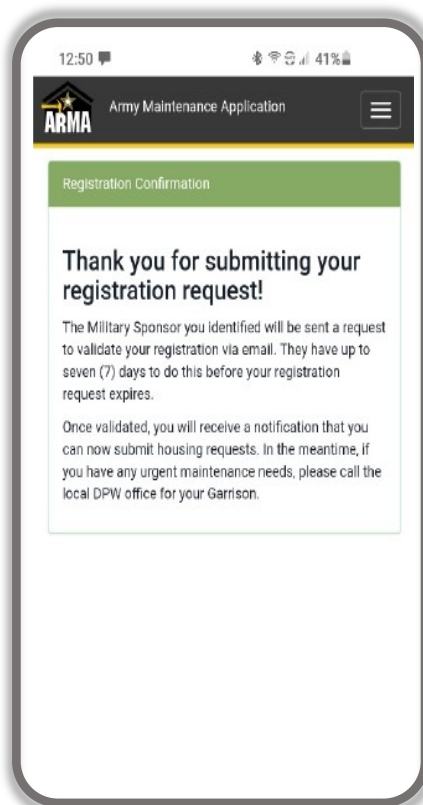
You may specify your ArMA notification preferences as email, text, or both at registration.



# ArMA Registration



## REGISTER




# Submitting an ArMA Work Request



## REQUEST

## Start a Ticket



www.armymaintenance.com

Army Maintenance Application

User name

resident@gmail.com

Password

\*\*\*\*\*

Resident Login

Forgot Password ?

Don't have a resident account? [Sign up now](#)

[DPW User Login](#)

Login to ArMA:

- Resident .com email address
- ArMA Account password

Select "Maintenance Support" on the home screen.

www.armymaintenance.com

Army Maintenance Application

Hello, Matthew

How can we help you?

Maintenance Support  
Browse maintenance services for your housing.

Account Management  
Services for managing your account.

**IMPORTANT !!**  
If you require **emergency** maintenance services related to life, health, or safety, please call for immediate support.

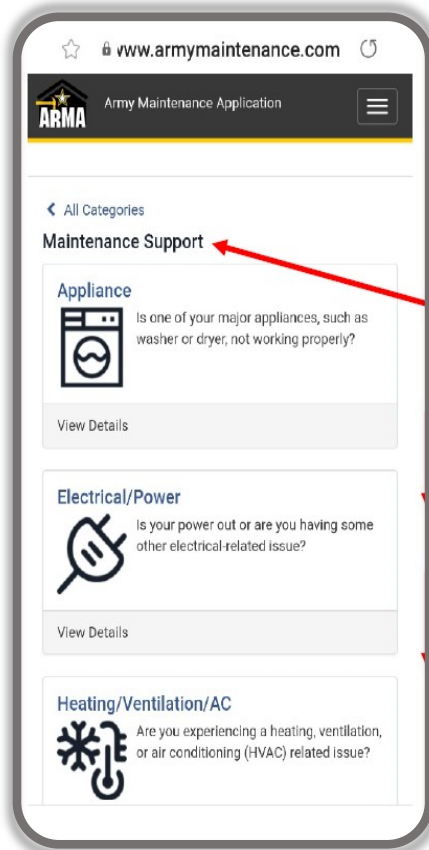


# Submitting an ArMA Work Request



## REQUEST

## Ticket Submission

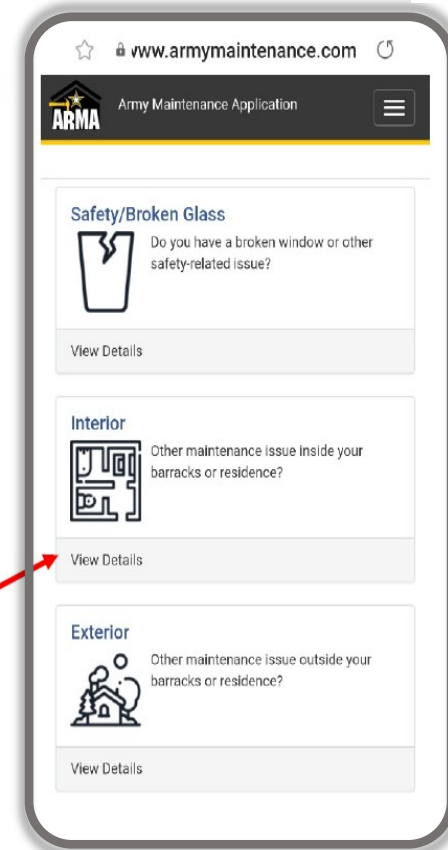


To submit a Ticket;

1, Maintenance Support tickets are submitted by Category.

2, Scroll Down to view all Categories.

3, Select the Category that is the closest match for Resident's discrepancy.







# Submitting an ArMA Work Request

UNCLASSIFIED//FOUO

## ✓ Maintenance Categories:

Non-Linear  
Facilities



Linear Facilities

Maintenance Support

<b>Appliance</b>  Is one of your major appliances, such as washer or dryer, not working properly? <a href="#">View Details</a>	<b>Electrical/Power</b>  Is your power out or are you having some other electrical-related issue? <a href="#">View Details</a>	<b>Exterior Structure</b>  Gutter, Roof, Masonry, and Stair/Ramp Issues. <a href="#">View Details</a>
<b>Heating/Ventilation/AC</b>  Are you experiencing a heating, ventilation, or air conditioning (HVAC) related issue? <a href="#">View Details</a>	<b>Locks/Keys/Access</b>  Are you having issues related to facility access? Is your door unable to lock? <a href="#">View Details</a>	<b>Pest Control</b>  Are you having an issue related to pests such as bugs or rodents? <a href="#">View Details</a>
<b>Plumbing</b>  Do you have a leak, clog, or other plumbing related issue? <a href="#">View Details</a>	<b>Safety/Alarms</b>  Do you have a broken window or other safety-related issue? <a href="#">View Details</a>	<b>Interior</b>  Do you see any other maintenance issue inside a building on the installation? <a href="#">View Details</a>
<b>Airfield/Rail</b>  <a href="#">Do you see a problem with the airfield or rail tracks?</a> <a href="#">View Details</a>	<b>Animal Control</b>  Would you like to report any wildlife concerns? Do you have uncontrolled <a href="#">View Details</a>	<b>Grounds/Trees/Fence</b>  Do you see a down tree, irrigation overflowing, broken fencing, retention <a href="#">View Details</a>
<b>Outdoor/Recreation</b>  Do you see a problem with outdoor recreation areas, parks, monuments, the <a href="#">View Details</a>	<b>Roads/Bridges/Trails</b>  Would you like to report a problem with a road, sidewalk, parking area or tank <a href="#">View Details</a>	<b>Utilities/Street Light/Traffi...</b>  Is a street light out, traffic signal not operational, or utility outage related to gas. <a href="#">View Details</a>

REQUEST

Customer selects a facility number from the list

Customer gives location details

Clerks selects a facility number from the list in Triage



# Submitting an ArMA Work Request



## REQUEST

## Ticket Information Fields

- example ticket is a clogged drain, so used the "Plumbing" Category.

- **Location** – Building Number automatically populates from the resident's account.
- **Location Details** – Include Room Number, Floor, and location within the room where the issue is focused (ex. Broken glass, left window).
- **Description of Issues/Request** - Please be detailed in the description of the issue as this will expedite the repair process (ex. Clogged sink drain). Please include one or more photos of the issue for further clarification.
- **Resident Information** – Automatically populates from the account login.

www.armymaintenance.com

Army Maintenance Application

Home > Maintenance Support > Plumbing

**Plumbing**

Do you have a leak, clog, or other plumbing related issue?

**Location**  
Fort Detrick/Fort Detrick/01538

**Location Details**  
Please be as detailed as possible in identifying exactly where in your barracks or residence the issue is located, including your room number or apartment number, when appropriate.

**Description of Issue/Request**  
Please use the paperclip icon below to attach a photo of your issue.

**Resident**  
Matthew Clapper

**Email Address**  
historygrad2009@gmail.com

**Phone Number**  
3047021717

**Alternate Contact Name**

**Alternate Phone Number**

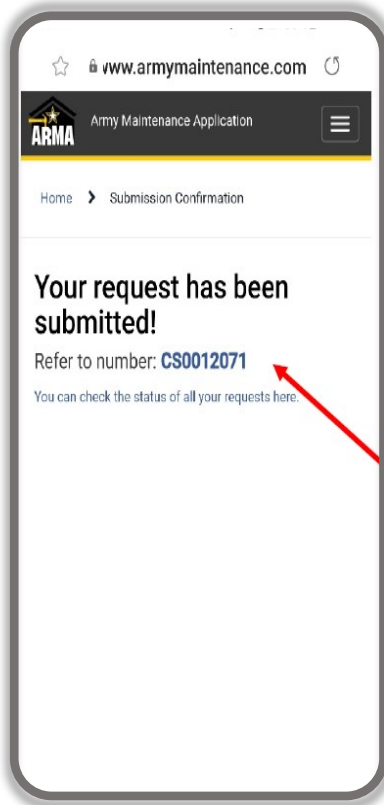


# Submitting an ArMA Work Request



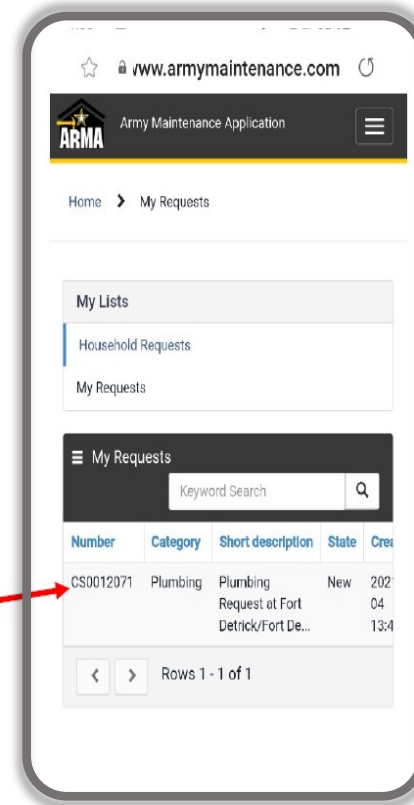
## REQUEST

## Submission Confirmation



Resident receives a confirmation number.

Confirmation number is now the ArMA Ticket Number





# Work Management ArMA Triage

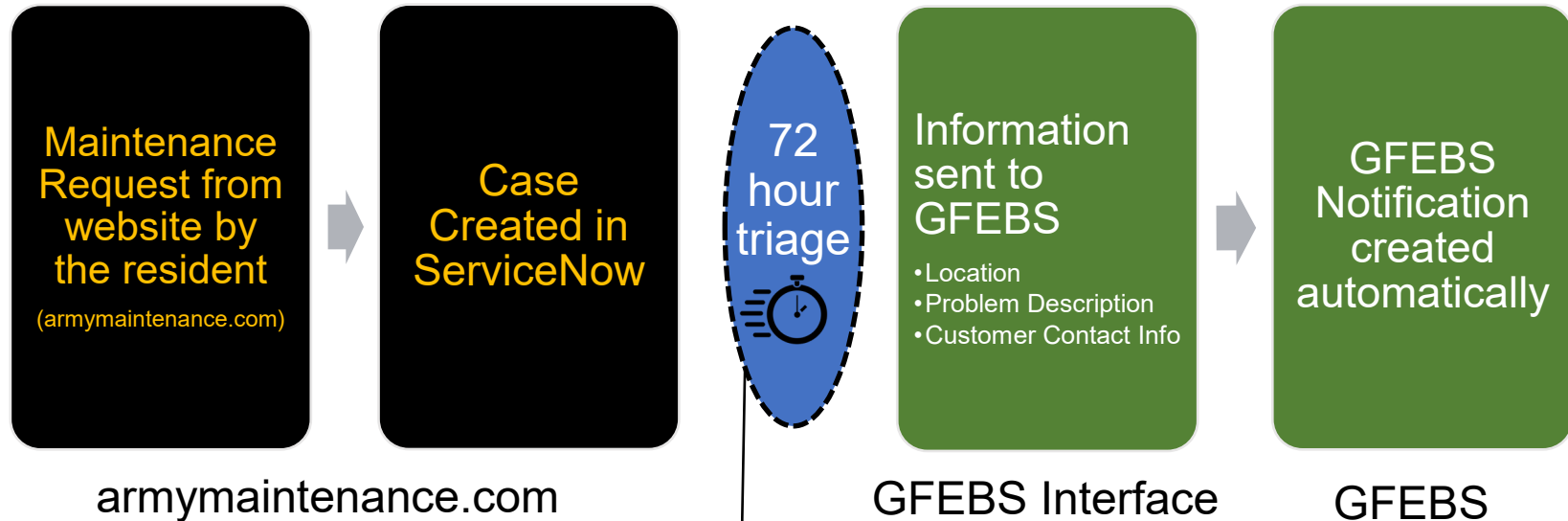
✓ **Triage:**

Need Triage

12

Need Triage >72hrs

0



Time for the DPW Clerk to:

- Gather incomplete information and/or descriptions
- Cancel requests out of DPW scope (before GFEBS)
- Change Request location/room/description

**- ADD FUNCTIONAL LOCATION TO LINEAR REQUEST**



# ArMA Work Request Status Check

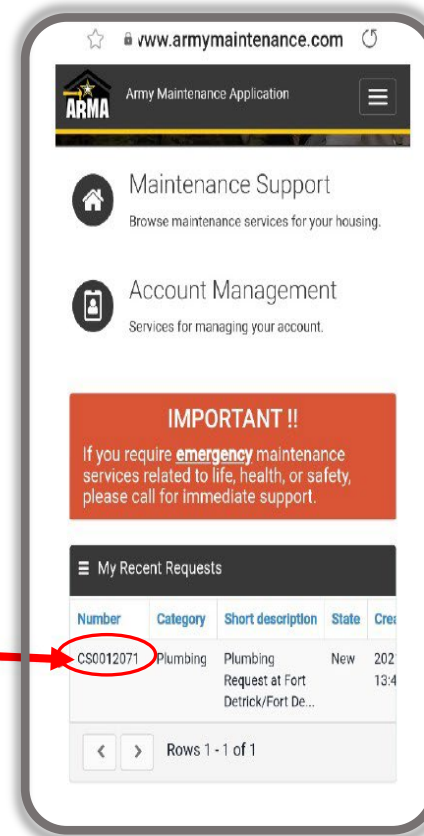
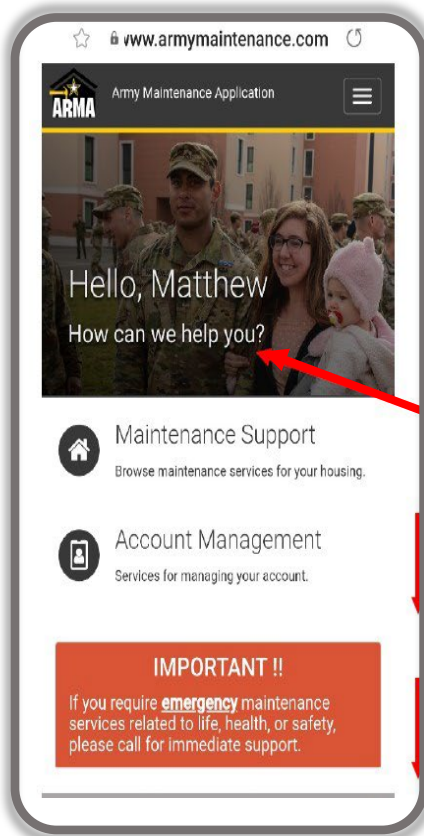


# REVIEW

## Check Status

To check a Ticket Status;

1. Login to the home screen
2. Scroll down
3. A list of all your open maintenance request is available at the bottom of the home page of the application for easy reference. Click the case number to view the details about your open maintenance requests.



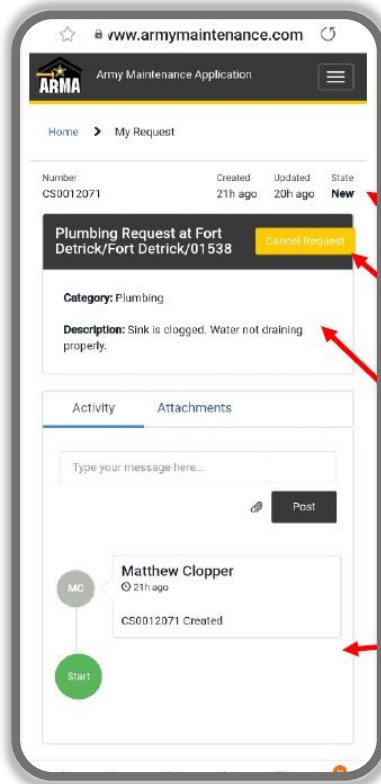


# ArMA Work Request Status Check



# REVIEW

## ArMA Ticket Status Page

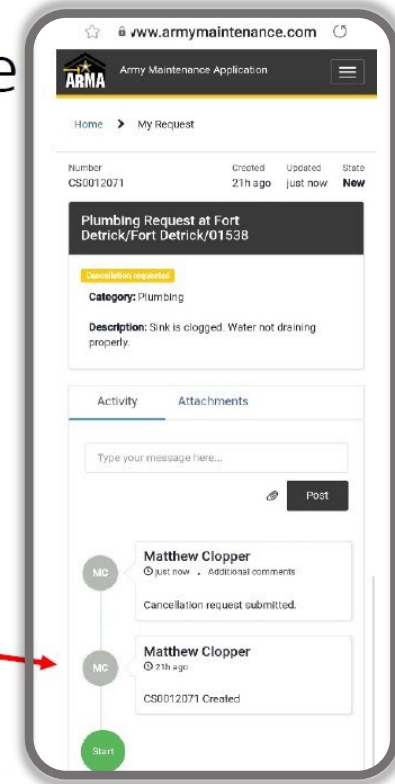


Updates show at the top of the screen.

Click if Resident wants to Cancel the Ticket.

Ticket information is displayed.

Every Activity is shown in the log at the bottom of the page.



# ArMA Work Request Status Check

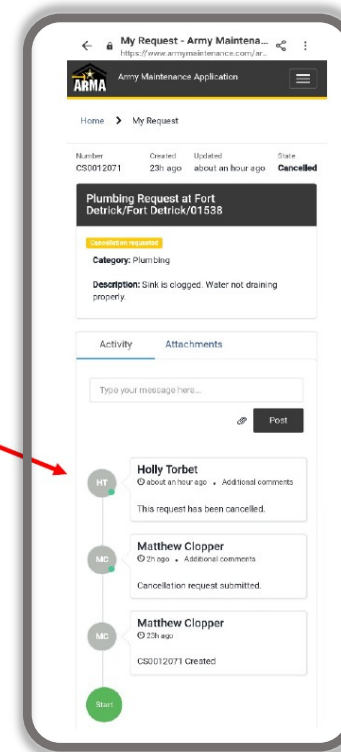


# REVIEW

## Cancellation Confirmation



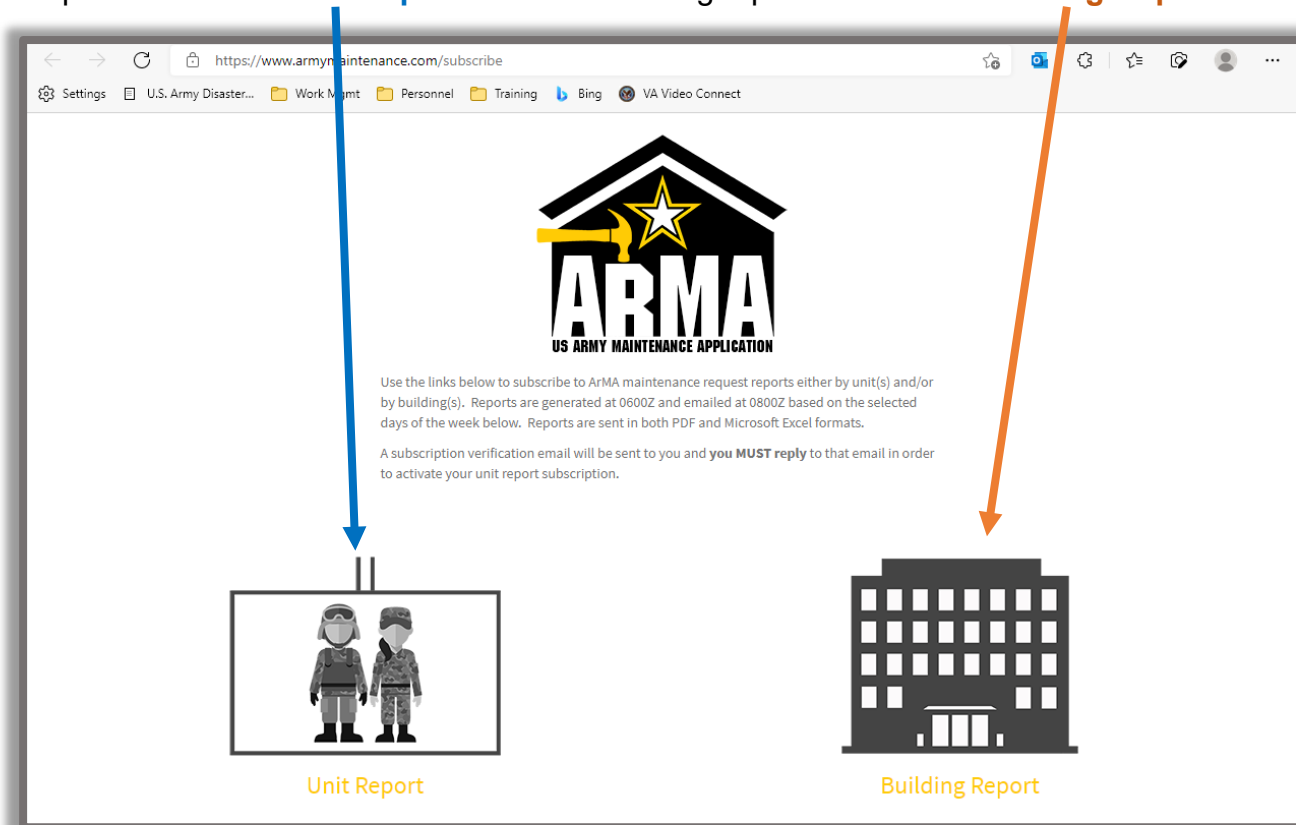
Resident will be able to see  
DPW actions on their ticket.





# ArMA Review Group Work Request

- ✓ The best way for facility managers to track requests and manage their AOs, is to sign up for the daily maintenance reports at <https://www.armymaintenance.com/subscribe>.
- ✓ This will allow facility managers to receive daily reports on work request statuses by unit or building.
- ✓ For unit reports select the **Unit Report** icon. For building reports select the **Building Report** icon.





# ArMA Frequently Asked Question

- **Who can submit a Work Request?**

- All installations customers with a .mil email (Military, Civilian, & Contractor)
- Dependent Family members accounts approved by their Military or Civilian Sponsor
- Installation customers of an approved on-post organization (with .mil approval)

- **How to submit DMO requests?**

- Priority 1 Emergency - Call the DPW Service Desk or US Army FES
- Priority 2 Urgent or Priority 3 Routine - Online through the ArMA app

- **How to check the status of a work request DMO requests?**

- Registered Users - Online using the ArMA app or ArmyMaintenance.com site.
- Facility Commandant - Online using the ArMA app or ArMA Subscription Report (for designated building or unit)





# DA 4283 (PWO)

**All DA Forms 4283 must be sent though the Installation Coordinator (IC) to DPW BOLD**

Assigned by Site Manager													
FACILITIES ENGINEERING WORK REQUEST "Everything in "Orange" to be completed by the customer"													
For use of this form, see DA Pam 420-6; the proponent agency is OACSIM													
PART A (See requestor instructions)	CUSTOMER ID	DOCUMENT SERIAL NUMBER	FY	TYPE	SHORT JOB DESCRIPTION						DATE		
					Short Work description "Construct Wall"						DA	MON	YR
INSTALLATION ABBREVIATION OF FACILITIES		BUILDING/FACILITY NUMBERS											
		1	2	3	4	5	6	7	8	9	10		
1	GE-Number	Bldg. Nr.											
2	GE-Number												
3													
REMARKS													
"Project complies with USC Title 10, §2811 real property facility, system, or component to such a condition that it may effectively be used for its designated functional purpose."													
INSTALLATION NAME			CUSTOMER NAME				POC NAME				POC PHONE NUMBER		
Sample: Daenner Kaserne			Sample: 999th Maint Bn				Sample: Jim Worker & e-mail address				DSN and cell phone		
WORK DESCRIPTION (Description and justification of work request)													
Work to be done. "I would like an 8 foot Concrete Masonary Unit wall constructed around my building it needs to be reinforced with REBAR and concrete needs to have a bond beam every 4 courses and it needs to have a smooth finish I want it Brown in color with a grey pigment for the grout, the wall will end up being 75 feet long.													
AUTHORIZED REQUESTOR (Type or print)						AUTHORIZED REQUESTOR SIGNATURE							
Unit Commander/ Director or Installation Site Coordinator/Facility Manager						Digital signature of authorized requestor							
PART B (Approving Official Only)	APPROVAL ACTION CODE:				SPECIAL INTEREST CODE:				DATE				
	WORK REQUEST PRIORITY:				ESTIMATED WORK START DATE:				DA	MON	YR		
	PROGRAM INDICATOR CODE:				ESTIMATED WORK COMPLETION DATE:								
ENVIRONMENTAL IMPACT			WORK TO BE PERFORMED			WORKCLASS		APPROVAL AMOUNTS		SOURCE OF FUNDS			
YES NO ENVIRONMENTAL CONSIDERATION			<input type="checkbox"/> IN-HOUSE			TOTAL		FUNDED UNFUNDED		DIRECT			
<input type="checkbox"/> <input type="checkbox"/>			<input type="checkbox"/> SELF-HELP			\$		\$		<input type="checkbox"/> AUTOMATIC REIMBURSEMENT			
<input type="checkbox"/> <input type="checkbox"/> EIS / EIA INITIATED			<input type="checkbox"/> CONTRACT			\$		\$		<input type="checkbox"/> FUNDED REIMBURSEMENT			
<input type="checkbox"/> <input type="checkbox"/> EIS / EIA COMPLETED			<input type="checkbox"/> TROOP			\$		\$		ACCOUNT PROCESSING CODE			
DESIGN APPROVAL (Please type or print name)			DATE		APPROVAL AUTHORITY (Please type or print name)			APPROVAL ACTION		DATE			
			DA	MON	YR						DA	MON	YR
DESIGN APPROVAL SIGNATURE					APPROVAL AUTHORITY SIGNATURE			<input type="checkbox"/> APPROVED					
								<input type="checkbox"/> DISAPPROVED					

DA FORM 4283, SEP 2003

DA FORM 4283, AUG 1978, IS OBSOLETE.

APD PE v1.03ES

Page 1 of 2







# Why Work Classification is Important

(DA PAM 420-11)

- a. While the current definition of a minor construction project in AR 420-1, Chapter 4 appears simple in concept, its application is often difficult. Misclassification of construction as maintenance or repair and errors in defining minor construction projects may result in a statutory violation of the Anti-Deficiency Act (see AR 37-1).
- b. Antideficiency statutes state that any officer or employee of the United States who commits governmental funds which have not been appropriated is in violation of antideficiency statutes is subject to appropriate administrative discipline, including suspension from duty without pay or removal (31 USC 1349 and 1518). Those convicted of a knowing and willful violation may be fined not more than \$5,000 or imprisoned for not more than 2 years, or both (31USC 1350 and 1519).
- c. Antideficiency violations are serious and affect the Army's credibility. Department of Defense and Department of Army policy calls for disciplinary action in antideficiency violation cases. The fact that a violation was not willful only means that it did not constitute a crime, not that it does not warrant disciplinary action. Circumstances such as "a heavy workload at year-end" or an employee's "past exemplary record" generally are relevant only in determining the appropriate level of discipline, not in determining whether discipline should be imposed. In view of this, care must be taken to ensure that the Army does not violate the Antideficiency Act.





# Installed Building Equipment Vs Personal Property

IMCOM DPW's are only responsible for the maintenance, repair, and replacement of Installed Building Equipment (IBE), not personal property, and mobile/servable equipment IAW AR 420-1, Chapter 4. The facility tenant is responsible to fund the maintenance and/or replacement of their personal property.

## IBE Examples

- ✓ Incinerators
- ✓ Boilers
- ✓ Dishwasher equipment (built-in)
- ✓ Escalators
- ✓ Exhaust systems
- ✓ Cable trays and conduits
- ✓ Gas fittings
- ✓ Carpet (primary floor covering)
- ✓ Electrical Panel boards
- ✓ Sprinklers
- ✓ Traffic railings
- ✓ Venetian blinds and window shades

## Personal Property Examples

### Fixed

- ✓ Banking equipment
- ✓ Drop Arm Barriers
- ✓ Dryers
- ✓ Laundry equipment
- ✓ Ovens and Furnaces
- ✓ Mass Notification System that are stand alone
- ✓ Medical and dental equipment
- ✓ Infant Abduction monitoring system
- ✓ Training equipment and simulators
- ✓ Wash tanks
- ✓ Welding machines
- ✓ Bleachers
- ✓ Camera system

### Movable

- ✓ Fire extinguisher (portable)
- ✓ Furnishings, including rugs
- ✓ Food service equipment (portable)
- ✓ Office machines
- ✓ Shop Equipment
- ✓ Portable Barriers
- ✓ Filing cabinets
- ✓ Portable safes
- ✓ Wall clocks
- ✓ Furniture
- ✓ Automated data processing equipment
- ✓ Portable Guardhouses
- ✓ Tents

DPW can assist tenants maintaining and replacing their personal property based on a reimbursable agreement.





# SELF-HELP (1/3)

## General.

Customers are encouraged to supplement DPW support by volunteering to accomplish small construction and repair projects. Where the capability exists, customers are afforded the opportunity to complete their own quality projects.

## Definition.

Self-help consists of two levels of customer participation:

- a) Self-help to accomplish minor maintenance and repair. The type of work approved for self-help is similar to work performed by the DPW by demand maintenance orders.
- b) Expanded self-help to accomplish any maintenance, repair, or minor construction work normally requested on a facilities engineering work request (DA Form 4283).





# SELF-HELP (2/3)

## Self-Help Supplies.

- a) Self-help customers must be certified to perform the type of work they wish to accomplish. Successful attendance at the self-help training is required for certification and to obtain a self-help card.
- b) Supplies can be picked up directly from the Self-Help Issue Point (SHIP) store located in Bldg 395, Rhine Ordnance Barracks, Kaiserslautern.

## Expanded Self-Help Supplies.

- a) The same guidance as for the issue of self-help applies for the issue of expanded self-help supplies. In addition, a facilities engineering work request (DA Form 4283) must be submitted and approved prior to starting a project.
- b) Provide sufficient information to explain what work is required, where the work will be done, and what technical assistance or training the customer needs.
- c) Provide funds for non-facility related work such as: Unit mission projects (construction of vehicle enclosures, shelving, interior signs, etc.) and/or Minor construction (construction of walls, picnic pavilions, etc.).





# SELF-HELP (3/3)

## DPW will:

- a) Establish, maintain, and control self-help and expanded self-help programs.
- b) Verify customer capability to accomplish requested self-help work and provide additional training when required.
- c) Arrange for reimbursement by customer as required.
- d) Obtain and issue self-help materials to customers.
- e) Schedule any required technical assistance or training.
- f) Inspect completed work and ensure facility records are updated.

Smith Barracks, Bldg 8665  
0900-1530, Monday-Tuesday  
0900-1200, Wednesday  
1030-1700, Thursday  
0900-1400, Friday  
(Closed on German and U.S. holidays)  
DSN 531-3048  
CIV 0631-143-531-3048

Rhine Ordnance Barracks, Bldg. 335  
0730-1200 and 1300-1600hrs, Monday thru Friday  
(Closed on German and U.S. holidays)  
DSN 493-2381 / 2388  
CIV 0631-3406-2381 / 2388





# Installation Site Coordinators (ISC)

INSTALLATION	NAME	PHONE NO.	CELL PHONE NO.	EMAIL ADDRESS
Sembach, Daenner, Kleber	FACMAN	N/A	N/A	N/A
Panzer Kaserne, ESCK	SGT Kenisa Warren	523-0289	N/A	Kenisa.l.warren.mil@army.mil
KAD	Heiko Wilhelm	483-7808	N/A	heiko.wilhelm1.ln@army.mil
Miesau, ROB	Christiane Dollwett	481-3660	N/A	christiane.dollwett.ln@army.mil
Landstuhl	Anke Schoen	486-7183	0162-276 2421	anke.schoen.ln@army.mil
Pirmasens	FACMAN	N/A	N/A	N/A
Baumholder	Service Order Desk	541-3060	N/A	N/A
Germersheim	Christian Ritter Sabine Carlisle	541-4656 541-4842	0162-270 0734 N/A	christian.v.ritter.ln@army.mil sabine.carlisle.ln@army.mil
Gruenstadt	Donald F. Henson	06359-808 100	0160-969 22307	hensondf@aafes.com
Mannheim	Bruce D. Fry	528-5797	0162-296 9174	bruce.d.fry.civ@army.mil
Heliport SATCOM	Daniel Luther (Anke Schoen)	565-2617 486-7183	0175-948 2147 0162-276 2421	Daniel.t.luther.civ@army.mil anke.schoen.ln@army.mil
Breitenwald	Robert Squires (Bret Ritzmann) (Anke Schoen)	523-1593 483-7490 486-7183	 0162-260 5717 0162-276 2421	Robert.p.squires.civ@army.mil Bert.m.ritzmann.civ@army.mil anke.schoen.ln@army.mil
Pulaski	Christian Pfaffenrath	541-4724	0162-271 6315	christian.pfaffenrath.ln@army.mil







# Demand Maintenance Order (DMO) vs Project Work Order (PWO)

	DMO	PWO
General Fund Enterprise Business (GFEBS) Title	Demand Maintenance Order	Project Work Order
Previously Known As	Service Order (SO)	Individual Job Order (IJO)
Usage	Minor maintenance and repair requiring work less than 40 man-hours in labor and less than \$2,000 euro supplies/material/equipt	Minor/major maintenance, repair, and construction (including MILCON) work greater than 40 man-hours in labor and over \$2,000 euro supplies/material/equipt
Execution Priorities	Priority 1, Emergency: Immediate danger to life, health, mission, security, or property (completion 2 -24 hours)	Subject to Availability of Funds (SAF); Sustainment work has priority over Restoration & Modernization work
	Priority 2, Urgent: Work that is required to correct a condition that could become an emergency or could seriously affect morale (completion 7 days)	
	Priority 3, Routine: Work, if not accomplished, would only continue to be an inconvenience or unsightly condition (30 days)	
How to request service	Contact DPW Work Reception Desk/ArMA for AFH and Barracks Residents	Prepare DA Form 4283 and submit thru Installation Site Coordinator to DPW BOID





## Custodial - Basic Service

- Schedules are usually located inside the restroom
- Cleaning frequency depends on BLDG category
- Office cleaning days may vary by floor
- No cleaning will be performed on federal and host nation holidays (Admin, High Use and Enhanced Cat.)
- Service hours: Mo – Fr 07.30 -12.00 and 13.00 – 14.00
- Complaints: please notify the contractor and DPW QA staff immediately when an issue has been brought to your attention

### Cleaning Schedule

Bldg #	Floor	Restrooms	Regular Cleaning	Periodic Cleaning (after scheduling with COR)	CUSTOMER SERVICE
Category: Installation Admin		Clean Supply Rest, Lockers, Showrooms (Cleaning VCs, Doors, Windows / Aulden VCs-Arkell) Desinfected Toilets/Urinals Desinfizieren der Toiletten u. Urinale Remove Trash & Recycle in Restrooms Abfallbeseitigung in den Toiletten Clean Drinking Fountains Reinigen der 'Vasserspender' Trinkbrunnen Remove Trash & Recycle Müll entsorgen und trennen Vacuum Carpet Staubsaugen	Wet Mop Floors Nass wischen - Alle Böden inkl. Sanitäranlagen Sweep Floors Boden kehren - Alle Böden inkl. Sanitäranlagen Carpet Cleaning - Periodical Cleaning Teppich staubsaugen / spritzen Dry Buff or Spraybuff - Periodical Cleaning Boden polieren / Sprühpflege Stripping/Finishing Tile - Periodical Cleaning Fliesen Grundreinen High Dusting - Periodical Cleaning Abstauben im Hochoberbereich Clean Interior Glass - Periodical Cleaning Reinigen Innenglas Clean Exterior Glass - Periodical Cleaning Reinigen Außenglas	The satisfied Customer is our focus!  We are available during regular workhours from Mon-Fri from 07:30 -18:00 hrs. In case of a complaint, please contact us at the Customer-Service-Desk: DSN: 483-6206, civ 0631-411-6206 e-mail: army-contact@gcg-online.de Always CC: usarmy.rheinland-pfalz.incom-europe.list.dpw-custodial-service@mail.mil  In case you need support from DPW contact: DSN 641-4751, 4752, 4753, or 4756 e-mail: usarmy.rheinland-pfalz.incom-europe.list.dpw-custodial-service@mail.mil	
Monday		X	X	X	
Tuesday					
Wednesday		X	X	X	
Thursday					
Friday		X	X	X	
Saturday					
Sunday					
2nd and 4th week Do					
1st and 3rd week Do					
once a year					
März/Jun/Sep/Dez					
once a year					
once a year					
once a year					
once a year					
once a year					





# W564KV-20-C-0007 Customer Service



## Contract

**W564KV-20-C-0007**

### **Customer Service**

The satisfied Customer is our focus!

We are available during regular work hours from Mon-Fri from 07:30 – 16:00 hrs.

In case of a complaint, please contact us at the Customer-Service-Desk:

DSN: 483-6206, Civ: 0631- 411-6206

e-mail: [army-contact@geg-online.de](mailto:army-contact@geg-online.de)

Always CC: [usarmy.rheinland-pfalz.imcom-europe.list.dpw-custodial-service@mail.mil](mailto:usarmy.rheinland-pfalz.imcom-europe.list.dpw-custodial-service@mail.mil)

In case you need support from DPW contact: DSN 541-4751, 4752, 4753 or 4750

e-mail: [usarmy.rheinland-pfalz.imcom-europe.list.dpw-custodial-service@mail.mil](mailto:usarmy.rheinland-pfalz.imcom-europe.list.dpw-custodial-service@mail.mil)

PLEASE DO NOT REMOVE!





# Annual Periodic Cleaning

## What?

- Cleaning of windows/glass doors
- High dusting of surfaces above 2m height (excluding sprinklers, vents, and other electrical installations)
- Stripping and waxing of PVC and vinyl flooring
- Shampooing of carpets

## When?

- During government work hours – Monday - Friday 08.00 – 16.00

## How?

- The contractor will contact you in advance to coordinate a date for the periodic service (one to two days depending on building size)
- The inability to agree on a date for service with the contractor or failure to make preparations needed (see next slide) will result in the loss or partial loss of periodic services for the calendar year.





# Annual Periodic Cleaning

## Preparation:

- Inform all tenants of your building about the date and necessary preparations
- Please make sure the contractor has access to all parts of the building serviced through the contract
- If your building/parts of your building allows escorted access only, organize for a sufficient amount of escorting personnel to be available
- All doors and windows need to be unlocked
- Remove items from windowsills and anything taped to glass doors or windows
- Remove items from surfaces above 2-meter height
- Freshly waxed/shampooed floors should not be stepped on for a minimum of one hour after treatment is completed





# Periodic Services Under Custodial Contract

DEPARTMENT OF THE ARMY  
UNITED STATES ARMY GARRISON RHEINLAND-PFALZ  
UNIT 23152  
APO AE 09067-3152



AMIM-RPP-O

3 Aug. 2022

MEMORANDUM FOR FACILITY MANAGERS IN USAG-RP

SUBJECT: PERIODIC SERVICES UNDER CUSTODIAL CONTRACT W564KV20C0007

1. IAW the terms of Custodial Contract W564KV20C0007 a building in your range of responsibility has been scheduled to receive a periodic cleaning service. This memorandum outlines the responsibilities of the tenant units in order for the service to be conducted.
2. Please notify all tenants of your building about the date of the periodic service as well as the preparations and procedures listed below.
3. SCOPE: During periodic services the building will receive
  - a) annual cleaning of windows and interior glass surfaces
  - b) floor maintenance as advised by the contractor
  - c) high dusting of surfaces above 2 meter height
4. ACCESS: Please make sure that on the scheduled day of service the building as well as all offices, conference rooms and common areas serviced by the contract are unlocked and accessible to the contractor.
5. ESCORT: Should your building require escorted access please make sure to have sufficient personnel available to accompany the contractor's staff.
6. WINDOWS: Please make sure all windows are accessible and windowsills and ledges are cleared off. If there are lockable windows in your building (e.g. in stairwells) please make sure you are able to unlock them.
7. FLOOR MAINTENANCE: PVC, Vinyl and carpeted floors will get treated. After treatment the floors should not be stepped on for the timeframe advised by the contractor to achieve the best result possible.
8. HIGH DUSTING: Surfaces above 2 meter height will be dusted during the week of the scheduled service with the exception of sprinkler systems, cables, and vents (only exterior). Please have any items removed from these surfaces.
9. LOSS OF SERVICE: One time cancellation can be done 5 working days prior of scheduled service, if the service cannot be performed on agreed date. Failure to notify us or a second cancellation will result in the loss of periodic service for the calendar year.
10. For any questions please contact the DPW Custodial QA Team  
[usarmy.rheinland-pfalz.imcom-europe.list.dpw-custodial-service@army.mil](mailto:usarmy.rheinland-pfalz.imcom-europe.list.dpw-custodial-service@army.mil)
11. POC for this Memorandum is Mr. Dieter Kurtz, Chief QA Branch DSN: 541-4756

Customer Acknowledge:

Print Name & Telephone: \_\_\_\_\_ Signature: \_\_\_\_\_







# DPW FACMAN 8-Hour Course

## Energy/Environmental Overview

Building Energy Monitor (BEM)  
Environmental Officer (EO)

Mr. Hans-Karl Betzhold  
Chief, Environmental Management Division  
[hanskarl.Betzhold.ln@mail.mil](mailto:hanskarl.Betzhold.ln@mail.mil)

DSN: 541-4737





# DPW FACMAN 8-Hour Course

## Your role as Building Energy Monitor

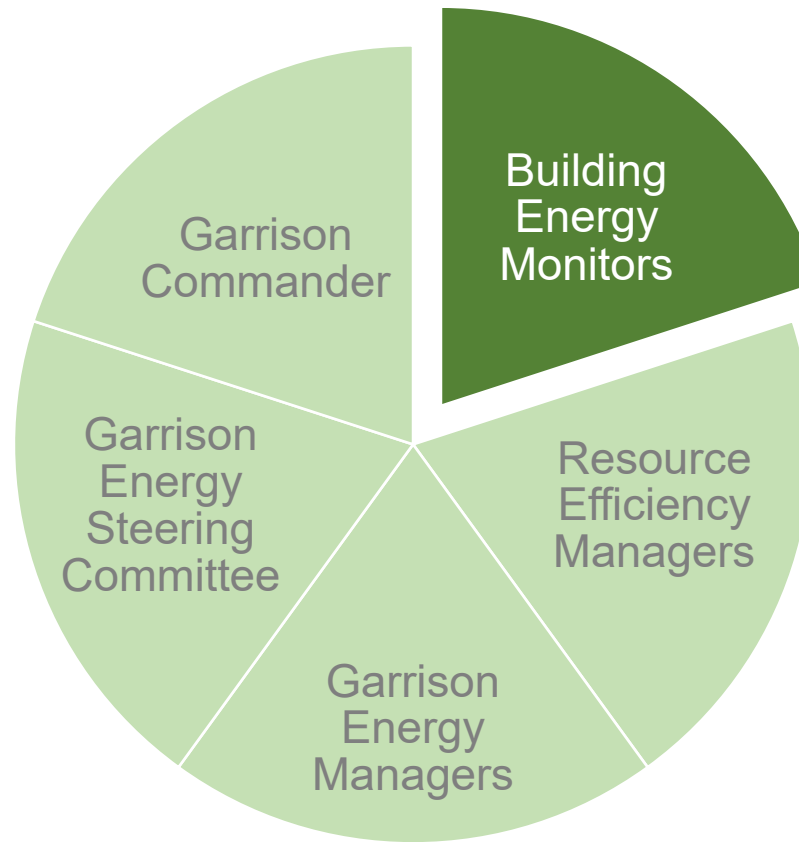
Reference: Para. 22-12 a.(2) of AR 420-1, Army Facilities Management, 24 August 2012





# DPW FACMAN 8-Hour Course

## Army Energy and Water Management Program





# DPW FACMAN 8-Hour Course

Goals for

## Army Energy and Water Management Program

- ❖ **Reduce energy use by 2.5%** per square foot per year.
- ❖ **Reduce water use by 2.0%** per square foot per year.



Reference: Sec. 3 (a)(i) and (f)(i) of EO 13693, Planning for Federal Sustainability in the Next Decade, 19 March 2015





# DPW FACMAN 8-Hour Course

UNCLASSIFIED//FOUO

Goals for

## Building Energy Monitors

- ❖ Help **identify** energy and water **waste**.
- ❖ Help **reduce** **energy use** and **water use**.

Note:  
A 2.5%  
savings  
earns a  
Green Boot  
Award.



Reference: Introduction of IMCOM Building Energy Monitor Handbook, 14 December 2016





# DPW FACMAN 8-Hour Course

How to

## **Identify** Energy and Water **Waste**

1. **Simplify - Start in a single room.**
2. **What types of energy and water are present?**
3. **How and how often is that energy and water being used?**
4. **Are there opportunities to use less energy and water?**
5. **Repeat these steps in the next room.**

Note:

These steps make up the basis for an Energy and Water Audit.







# DPW FACMAN 8-Hour Course

How to

## Reduce Energy Use and Water Use

Note:  
Remember, simple administrative changes can yield significant savings.

1. **Simplify - Start in a single room.**
2. **Brainstorm what changes could reduce energy and water waste.**
3. **Ask how those changes might be brought about.**
4. **Implement those changes now or implement them later.**
5. **Repeat these steps in the next room.**





# DPW FACMAN 8-Hour Course

## *Consider the following:*

1. Start in a single room.
- 2. What types of energy and water are present?**
3. How and how often is that energy and water is being used?
4. Are there opportunities to use less energy and water?
5. Repeat these steps in the next room.





# DPW FACMAN 8-Hour Course

## Types of Energy

- ✓ Electric
- ✓ Electro-Magnetic
- ✓ Thermal
- ✓ Chemical
- ... etc.

## Water

- ✓ Domestic Cold Water
- ✓ Domestic Hot Water
- ✓ Heating Hot Water
- ✓ Chilled Water
- ... etc.





## *Consider the following:*

1. Start in a single room.
2. What types of energy and water are present?
3. **How and how often is that energy and water is being used?**
4. Are there opportunities to use less energy and water?
5. Repeat these steps in the next room.



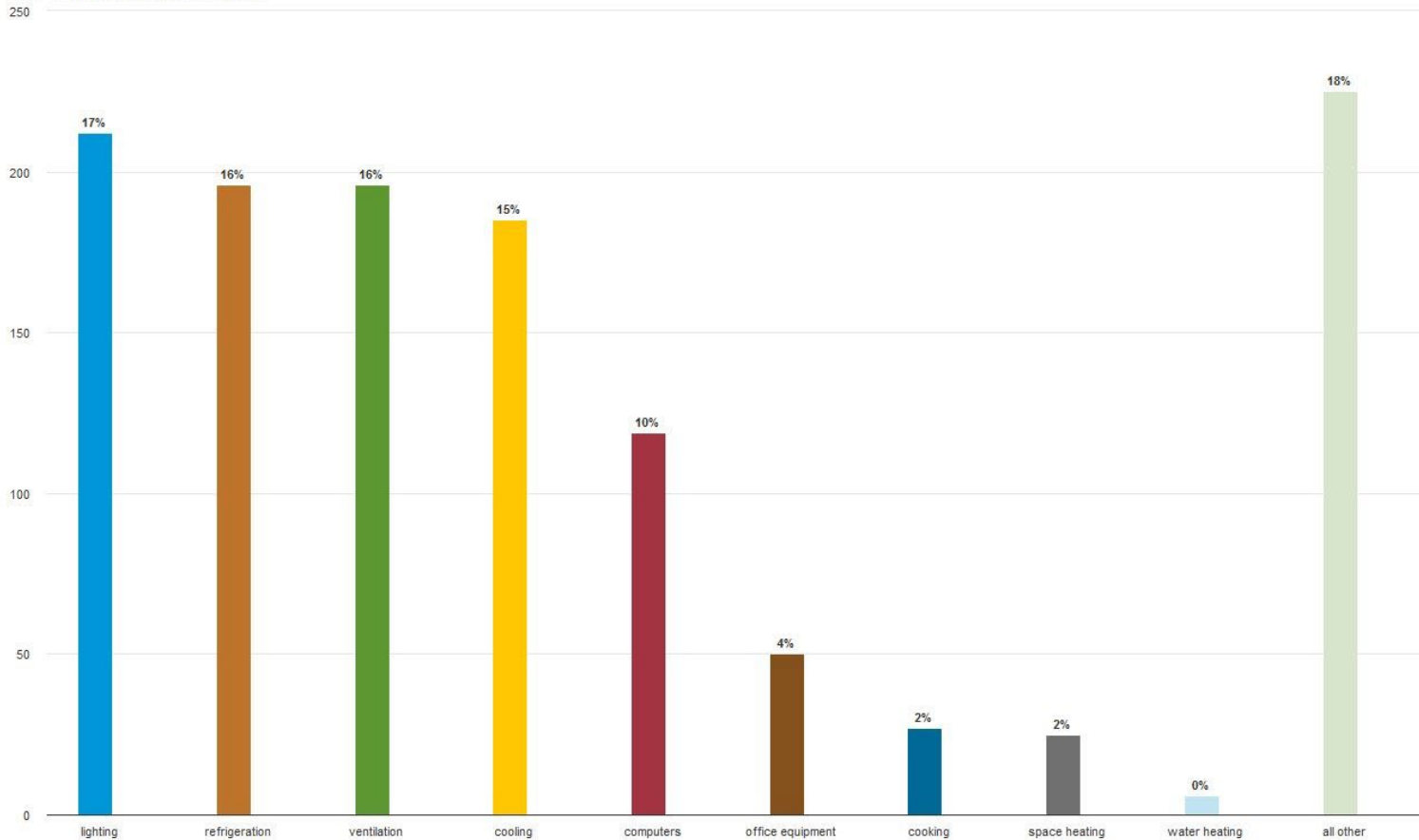


# DPW FACMAN 8-Hour Course

UNCLASSIFIED//FOUO

## Electricity use in U.S. commercial buildings by major end uses, 2012

total = 1,243 billion kilowatthours (kWh)



Note: All other includes motors, pumps, air compressors, process equipment, backup electricity generation, and miscellaneous appliances and plug-loads.  
Source: U.S. Energy Information Administration, 2012 Commercial Buildings Energy Consumption Survey, Consumption and Expenditures, Table E5, May 2016





## *Consider the following:*

1. Start in a single room.
2. What types of energy and water are present?
3. How and how often is that energy and water is being used?
4. **Are there opportunities to use less energy and water?**
5. Repeat these steps in the next room.



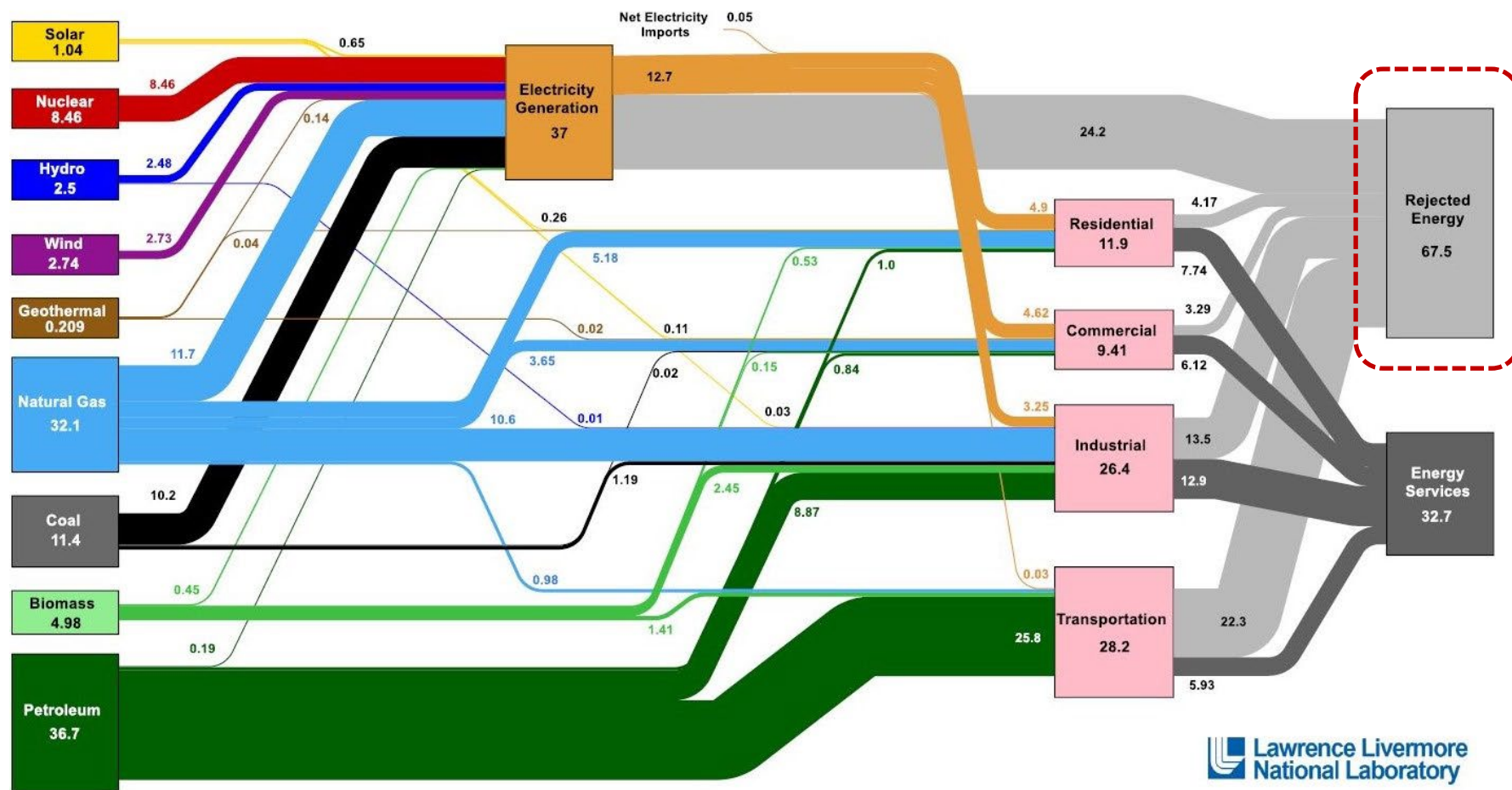




# DPW FACMAN 8-Hour Course

UNCLASSIFIED//FOUO

Estimated U.S. Energy Consumption in 2019: 100.2 Quads





# DPW FACMAN 8-Hour Course

How to

## Reduce Energy Use and Water Use

Note:  
Remember, simple administrative changes can yield significant savings.

1. Simplify - Start in a single room.
2. Brainstorm what changes could reduce energy and water waste.
3. **Ask how those changes might be brought about.**
4. Implement those changes now or implement them later.
5. Repeat these steps in the next room.





# DPW FACMAN 8-Hour Course

## Example: Energy Conservation Measure (Thermal)

### Thermostatic Radiator Valve Settings

- \* = 7°C      44.6 °F
- 1 = 14°C      57.2 °F
- 2 = 17°C      62.6 °F
- 3 = 20°C      68 °F
- 4 = 23°C      73.4 °F
- 5 = 26°C      78.8 °F
- Max. = 27°C   80.6 °F

### Radiator Valve





# DPW FACMAN 8-Hour Course

## Example: Energy Conservation Measure (Thermal)

Ensuring windows and doors remain closed during winter.





# DPW FACMAN 8-Hour Course

## Information on Air Conditioning





# DPW FACMAN 8-Hour Course

## Requirements for

# Air Conditioning

- ❖ **Air conditioning requirements for comfort cooling will be evaluated and approved by the garrison commander based on local conditions.**
- ❖ **Facilities are eligible for air conditioning where facilities of similar structure and function in the local private sector are equipped with air conditioning.**

Reference: Para. 22-44 a. of AR 420-1, Army Facilities Management, 24 August 2012

Reference: Para. 3-5.1 of UFC 3-410-01, Heating, Ventilating, and Air Conditioning Systems, 1 November 2017







# DPW FACMAN 8-Hour Course

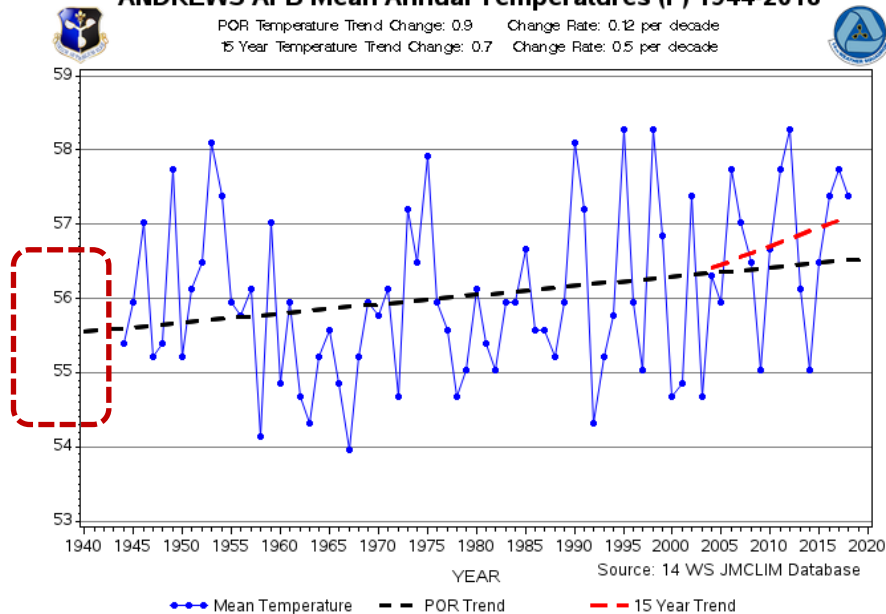
UNCLASSIFIED//FOUO

## Climate in the U.S.

## Climate in Germany

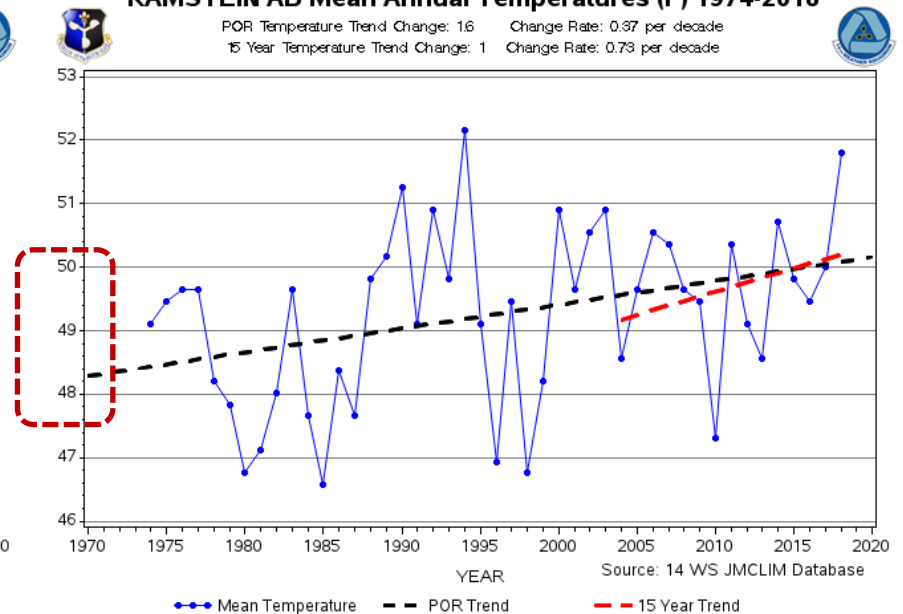
**ANDREWS AFB Mean Annual Temperatures (F) 1944-2018**

POR Temperature Trend Change: 0.9 Change Rate: 0.12 per decade  
15 Year Temperature Trend Change: 0.7 Change Rate: 0.5 per decade



**RAMSTEIN AB Mean Annual Temperatures (F) 1974-2018**

POR Temperature Trend Change: 1.6 Change Rate: 0.37 per decade  
15 Year Temperature Trend Change: 1 Change Rate: 0.73 per decade





# DPW FACMAN 8-Hour Course

## Requirements for Air Conditioning

### ❖ When can air conditioning be installed?

Note:

In brief, AC may be approved when there's a justifiable requirement for it.

#### 5. HVAC Approval Authorities.

a. The Director, IMCOM-Europe is the approval authority for the Installation of new AC systems, or the complete replacement of an existing system, when a renewable energy offset is not provided, and the installation of AC is beyond the Garrison Commander approval authority as specified in 5.b.

b. The Garrison Commander is the approval authority for all other requirements. Approval authority may be delegated to the Director of Public Works (DPW).

(1) Installation of new AC systems, or the complete replacement of an existing systems, when a renewable energy offset is provided. An offset is when a renewable energy source is funded and implemented in conjunction with the installation of the AC and exceeds the electrical consumption of the AC unit.

(2) Facilities or spaces that have air conditioning and change use or are assigned to a new organization.

(3) Communications and Server Equipment Rooms.

(4) Health Care Facilities.

(5) Secure facilities where windows cannot open or do not exist and mechanical ventilation is not life-cycle cost effective.

(6) Use of portable AC devices in AFH and spaces when justified due to a medical condition that warrants AC (if not currently approved) or when justified due to Life, Health, Safety. The medical condition and need for portable AC must be recognized as a medical necessity through the Exceptional Family Member screening program or confirmed by the Commander of the medical facility and O-5 or above.

(7) Use of portable devices in accordance with paragraph 6.b.



Consider para. 5. b.(1) – Energy Offset

Reference: Para. 5 of IMCOM-E Air Conditioning Policy, 4 September 2019





# DPW FACMAN 8-Hour Course

## Requirements for Air Conditioning

❖ How do you request air conditioning?

### Work Order

### Justification Memo

FACILITIES ENGINEERING WORK REQUEST													
This project complies with Title 10, USC Section 2401, for maintenance, repair and construction contracts for real property using Operation and Maintenance funds.													
PART A (See requestor instructions)		CUSTOMER ID	DOCUMENT SERIAL NUMBER	FY	TYPE	SHORT JOB DESCRIPTION					DATE		
											DA	MON	YR
INSTALLATION ABBREVIATION OF FACILITIES		BUILDING/FACILITY NUMBERS											
		1	2	3	4	5	6	7	8	9	10		
REMARKS													
INSTALLATION NAME		CUSTOMER NAME				POC NAME				POC PHONE NUMBER			
WORK DESCRIPTION (Description and justification of work request)													
AUTHORIZED REQUESTOR (Type or print)						AUTHORIZED REQUESTOR SIGNATURE							
PART B (Approving Official Only)		APPROVAL ACTION CODE:		SPECIAL INTEREST CODE:		DATE							
		WORK REQUEST PRIORITY:		ESTIMATED WORK START DATE:		DA		MON		YR			
		PROGRAM INDICATOR CODE:		ESTIMATED WORK COMPLETION DATE:									
ENVIRONMENTAL IMPACT		WORK TO BE PERFORMED		WORKCLASS		APPROVAL AMOUNTS		SOURCE OF FUNDS					
YES NO		IN-HOUSE		FUNDED UNFUNDED		DIRECT		AUTOMATIC REIMBURSEMENT					
<input type="checkbox"/> <input type="checkbox"/>		<input type="checkbox"/> SELF-HELP		\$ \$		<input type="checkbox"/>		<input type="checkbox"/>					
EIS / EIA INITIATED		<input type="checkbox"/> CONTRACT		\$ \$		<input type="checkbox"/>		<input type="checkbox"/>					
<input type="checkbox"/> <input type="checkbox"/>		<input type="checkbox"/> TROOP		\$ \$		<input type="checkbox"/>		<input type="checkbox"/>					
EIS / EIA COMPLETED				TOTAL		\$ \$		ACCOUNT PROCESSING CODE					
<input type="checkbox"/> <input type="checkbox"/>													
DESIGN APPROVAL (Please type or print name)		DATE		APPROVAL AUTHORITY (Please type or print name)		APPROVAL ACTION		DATE					
		DA		DA		<input type="checkbox"/> APPROVED		DA					
DESIGN APPROVAL SIGNATURE		MON		APPROVAL AUTHORITY SIGNATURE		<input type="checkbox"/> DISAPPROVED		MON					
		YR						YR					

DA FORM 4283, NOV 2018 PREVIOUS EDITIONS ARE OBSOLETE. APO 4283 V1.0002 Page 1 of 2

+



DEPARTMENT OF THE ARMY  
(Requesting Agency Name)  
(Unit Number)  
(APO AE Zip Code)

(Office Symbol)

DD Month YYYY

(If the request meets an exception to IMCOM-E's AC Policy referenced below, use the following:

FOR United States Army Garrison Rheinland-Pfalz; Directorate of Public Works; IMRP-PW; Rhine Ordnance Barracks; Unit 23152; APO AE 09067-3152

(If the request doesn't meet an exception to IMCOM-E's AC Policy referenced below, use the following:

MEMORANDUM THRU United States Army Garrison Rheinland-Pfalz; Directorate of Public Works; IMRP-PW; Rhine Ordnance Barracks; Unit 23152; APO AE 09067-3152

FOR Director, IMCOM Europe, APO AE 09136-3103

SUBJECT: Request for Approval for Operation of Air Conditioning for (installation name, building number, and room number if applicable), U.S. Army Garrison Rheinland-Pfalz





# DPW FACMAN 8-Hour Course

## *Consider Alternatives to Air Conditioning*

Exterior shutters, blinds, jalousie, rollladers all significantly reduce solar heat gain.



Recommend putting in a work order if your building does not have exterior blinds.





# DPW FACMAN 8-Hour Course

## Information on Ventilation





## Requirements for Ventilation

Note:  
In brief, every  
required occupied  
space needs to  
have ventilation.

### ASHRAE 62.1-2016

- ❖ **Installation of mechanical ventilation and separate exhaust systems when needed for personnel safety or for proper function of equipment as required by the manufacturer.**
- ❖ **Provide the interior design conditions, including temperature humidity, filtration, ventilation, air changes, etc. that are used for the design.**

Reference: ASHRAE 62.1-2016, Ventilation for Acceptable Indoor Air Quality

Reference: Para. 4-63 b.(8) of AR 420-1, Army Facilities Management, 24 August 2012

Reference: Para. 5-1.1.1 of UFC 3-410-01, Heating, Ventilating, and Air Conditioning Systems, 1 November 2017







# DPW FACMAN 8-Hour Course

## Best Practices for Ventilation

1. Close radiator valve.
2. Open the window completely.
3. Leave window open for about 5-10 minutes.
4. Close window - lock your windows so they will seal tight.
5. Open radiator valve.
6. Air rooms frequently.





# DPW FACMAN 8-Hour Course

## Information on the Green Boot Program





# DPW FACMAN 8-Hour Course

Goals for

## Green Boot Program

- ❖ Reduce energy use by 2.5% per square foot per year.
- ❖ Reduce water use by 2.5% per square foot per year.
- ❖ Reduce waste generation by 2.5% per square foot per year.





# Green Boot Program





Your actions have a ripple effect.



# Questions ?

# ENERGY INDEPENDENCE

## DEPENDS ON US.

CHOOSE WISELY. USE WISELY.



U.S. Department of Energy  
**Energy Efficiency  
and Renewable Energy**

Bringing you a prosperous future where energy  
is clean, abundant, reliable, and affordable  
For more information contact:  
EERE Information Center: 1-877-EERE-INFO (1-877-337-3463)  
[www.eere.energy.gov](http://www.eere.energy.gov)

FOR STEPS YOU CAN TAKE, VISIT:  
[WWW.ENERGYSAVERS.GOV](http://WWW.ENERGYSAVERS.GOV)



# Environmental Officer Content

- ✓ Environmental Officer Appointment
- ✓ EO Requirements and Responsibilities
- ✓ Environmental Quality Control Committee
- ✓ Environmental Audits and Inspections
- ✓ Hazardous Materials
- ✓ Hazardous Waste
- ✓ Transportation of Hazardous Goods
- ✓ Spill Response
- ✓ Asbestos
- ✓ Stormwater Pollution Prevention
- ✓ Natural Resource Management
- ✓ Cultural and Historic Resource Management
- ✓ SharePoint

*NOTE: EO must complete separate training!*







# Environmental Officer Appointment

USAG RP TASKORD 19-124, Facility Manager (FACMAN) Appointment:

3.D.4. (U) Execution of EO duties are hands-on and depending upon the daily activities of a building can be time-consuming. A separate EO appointment, in addition to the FACMAN, is suggested for this situation. When no separate EO appointment exists, the FACMAN will perform all required EO duties and complete all required EO training.

Environmental Officer Requirement:

**Unit commanders and commanders of major supported missions must designate environmental officers (EO) if the organization handles hazardous materials (HM) or generates hazardous waste (HW) or otherwise affects the environment.**

Army in Europe Regulation 200-1





# Environmental Officer Responsibilities

- Act as POC for the Environmental Management Division
- Manage Unit's Environmental Programs
- Ensure environmental instructions are given to all unit members
  - Document the training provided

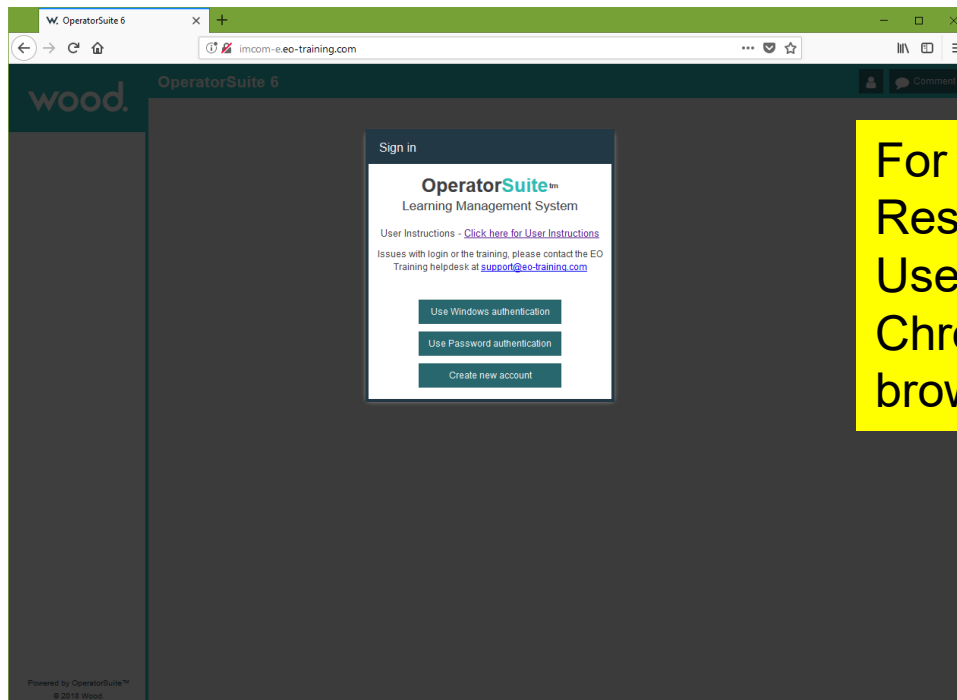


# EO Responsibilities: Training



- ✓ Complete the Initial 40-hour Online Training within 60 days of Appointment
- ✓ Complete the Annual 8-hour EO Refresher Course (Classroom or Online)

**Online training is available at: [imcom-e.eo-training.com](http://imcom-e.eo-training.com)**



**For Best Results:  
Use Firefox or Chrome browsers.**

(POC: [kai.weber.LN@mail.mil](mailto:kai.weber.LN@mail.mil), 531-3103; [benjamin.krieger.LN@mail.mil](mailto:benjamin.krieger.LN@mail.mil), 531-3113)





# Environmental Officer: Training

Environmental Officer Training - 8 Hour Refresher  
Conducted via MS Teams (Currently)  
[Team: USAG RP Environmental Officer Training]

**Offered twice a month**

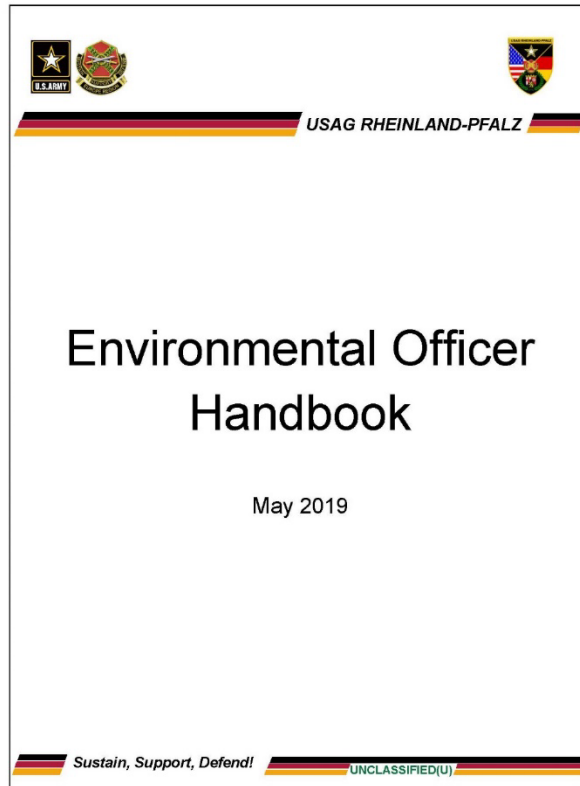
To register contact:

[anja.kotzerke.ln@army.mil](mailto:anja.kotzerke.ln@army.mil), DSN 541-4739





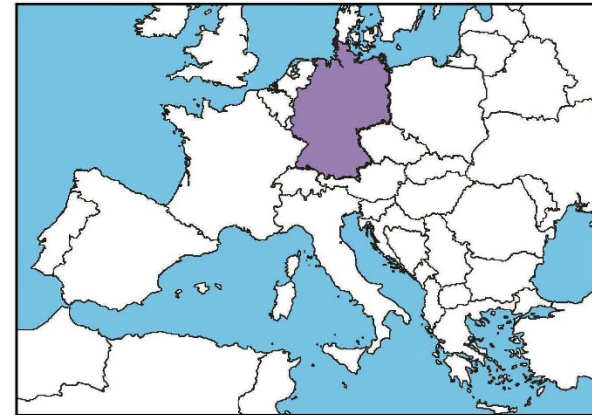
# Environmental Guidance Documents



US DEPARTMENT OF DEFENSE

## ENVIRONMENTAL FINAL GOVERNING STANDARDS

Germany



September 2020

United States Army Installation Management Command  
Europe  
Unit 23103  
APO AE 09136-3103





# Environmental Officer Content

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- ✓ EO Requirements and Responsibilities
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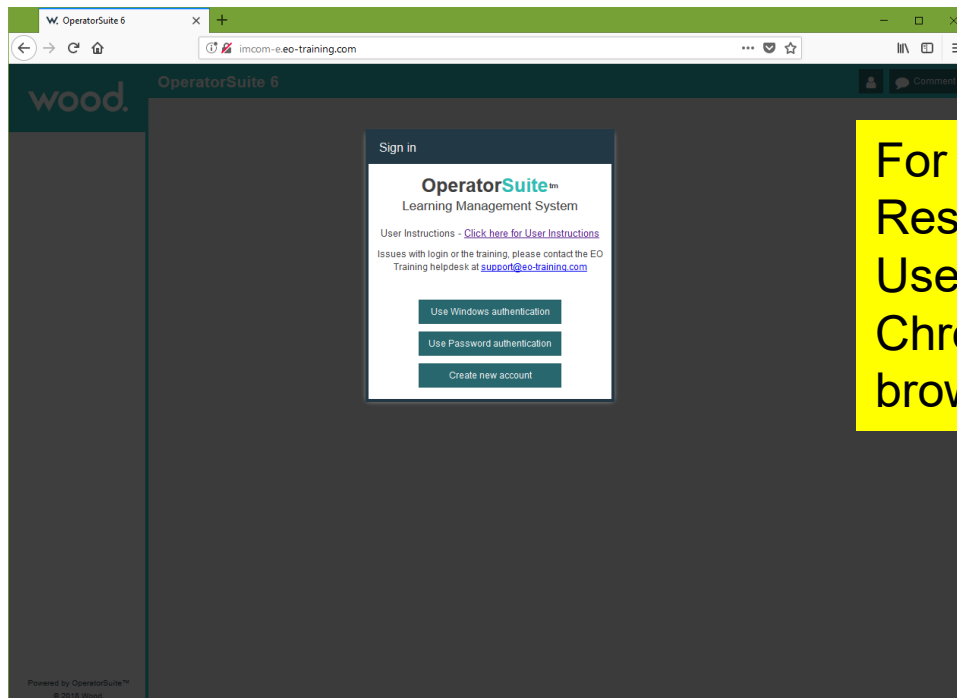


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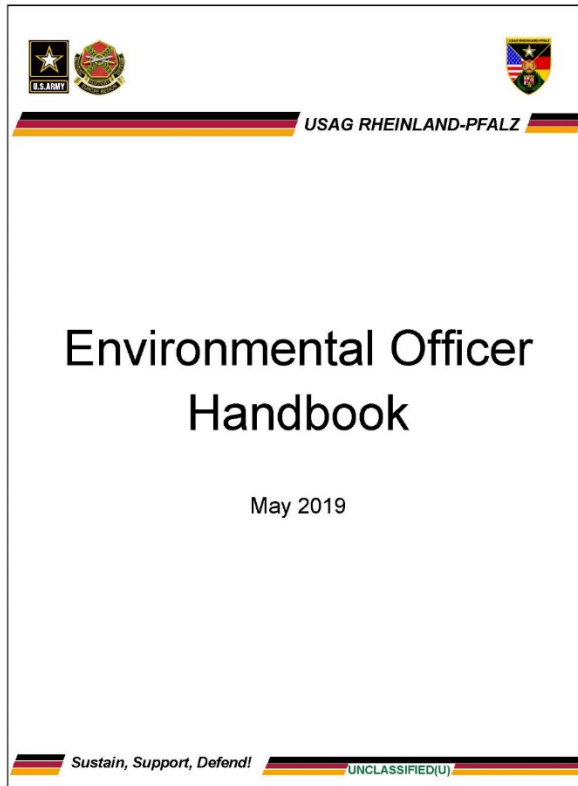
**For Best Results:  
Use Firefox or Chrome browsers.**

(POC: [kai.weber.LN@mail.mil](mailto:kai.weber.LN@mail.mil), 531-3103; [benjamin.krieger.LN@mail.mil](mailto:benjamin.krieger.LN@mail.mil), 531-3113)





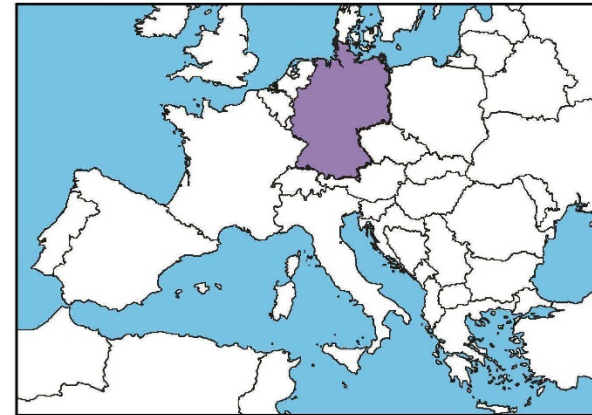
# Environmental Guidance Documents



US DEPARTMENT OF DEFENSE

## ENVIRONMENTAL FINAL GOVERNING STANDARDS

Germany



September 2020

United States Army Installation Management Command  
Europe  
Unit 23103  
APO AE 09136-3103





# Environmental Program Oversight

- ✓ **Environmental Quality Control Committee (EQCC)**
  - Meets quarterly to monitor USAG RP's environmental/energy compliance
  
- **Commanders' Forum:                      Semi-Annual**
  - Chaired by USAG RP Garrison Commander
  - MS Teams [USAG RP EQCC]
  - Results from Working Group Forum presented to Command level
  
- **Working Group Forum:                      Semi-Annual**
  - Chaired by DPW Director
  - MS Teams [USAG RP EQCC]
  - Environmental Officers **are encouraged** to attend and discuss issues

(POC: [anja.goering.LN@army.mil](mailto:anja.goering.LN@army.mil), 541-4704)





# Environmental Audits and Inspections

## Regular Inspections and Courtesy Visits

- DPW EMD performs (sometimes unannounced) inspections to check for compliance
- Units handling hazardous waste are inspected quarterly
- Units can ask for courtesy visits at any time if in need of assistance



## Environmental Performance Assessment and Assistance System (EPAAS)

- Assessment of environmental compliance with legal and Army requirements
- Internal EPAAS (annually)
- External EPAAS (every 3 years)

(POC: [brandy.l.reeves.civ@mail.mil](mailto:brandy.l.reeves.civ@mail.mil), 541-4707)







# Hazardous Substances

## HS represent hazards to health and the environment



On average, \$3 million per year is spent on clean-up projects here at USAG RP.



A single liter of oil can contaminate a million liters of ground water.



Chemical agent spills can result in rust and structural breakdowns.





# Hazardous Materials

## How do you identify Hazardous Material (HM)?

- Look for labels or text on the container!



Units handling or storing HM need to have an appointed and trained EO!







# Hazardous Waste

## What is Hazardous Waste?

- HW includes all used, no longer usable, expired (if the shelf life cannot be extended) or spilled HM.



Properly trained  
(IAW ADR)  
POC must sign  
shipment  
documents.



Übernahmeschein Blatt 1 Nr. 23234821755202 6

Beleg zum Nachweis der Entsorgung von Abfällen

Abfallbezeichnung 1) Aufsaug- und Filtermaterialien (einschl. Ölfitter, a.n.g.), Wischtücher und Schutzkleidung, die durch gefährliche Stoffe verunreinigt sind

Abfallschlüssel 1) 15 02 02 \* Entsorgungsnachweisnummer S N G 1 2 0 0 4 2 8 5 8 Menge in l 0,368

Erzeugernummer G 0 8 4 4 6 3 0 8 Beförderernummer G 0 8 3 6 4 3 8 9 Entsorgungsnummer G 0 8 4 4 6 8 2 5

Datum der Übergabe (Tag, Monat, Jahr) 1 0 0 9 1 4 Datum der Übernahme (Tag, Monat, Jahr) 1 0 0 9 1 4 Datum der Abnahme (Tag, Monat, Jahr) 1 0 0 9 1 4

Kfz-Kennzeichen RP PE 102

Firmenname, Anschrift  
USAG Kaiserslautern  
Pulaski Bks. Geb. Auto Craft Shop  
Kaiserstrasse Geb. 2859  
D 67661 Kaiserslautern

Firmenname, Anschrift  
Sud-Müll GmbH & Co. KG für Abfa...  
und Sonderabfallbeseitigung  
Gerolzheimer Straße  
D 67258 Hedelheim

Firmenname, Anschrift  
Sud-Müll GmbH & Co. KG für Abfa...  
Gerolzheimer Straße  
D 67258 Hedelheim

NV x U NV x U NV x U

Unterschrift (als Versicherung der richtigen Beförderung)

Unterschrift (als Versicherung der ordnungsgemäßen Zwischenlagerung)

Frei für Vermerke /  
UN 3175 ABFALL FESTE STOFFE, DIE ENTZÜNDBARE FLÜSSIGE STOFFE ENTHALTEN, N.A.G. (Erdöldestillate, Xylene), 4.1, II, (E), UMWELTGEFÄHRDEND  
Ausnahme 18  
W22 Auftrag 38073803 Ku-Nr.: 3504227 USAG Kaiserslautern DPW Environmental Branch Opelkreisel 67663 Kaiserslautern BS-Nr.: 7033  
US AL OVB  
ASP

(POC: [marc.k.gross.ln@mail.mil](mailto:marc.k.gross.ln@mail.mil), 541-4744)

(Current POC for Baumholder: [benjamin.krieger.ln@mail.mil](mailto:benjamin.krieger.ln@mail.mil), 531-3113)

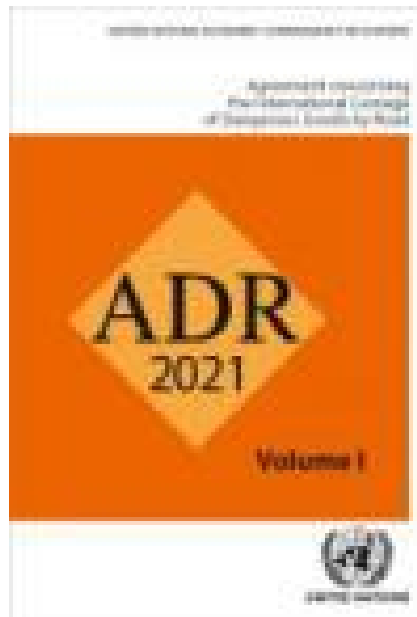




# Transportation of Dangerous Goods

**Hazardous substances transportation on public roads follows the ADR 2021:**

<https://unece.org/transportdangerous-goods/adr-2021-files>



**For questions and advice contact the USAREUR Command Dangerous Goods Advisor**

(POC: [ehrenfried.j.dengler.ln@mail.mil](mailto:ehrenfried.j.dengler.ln@mail.mil) 537-0396)

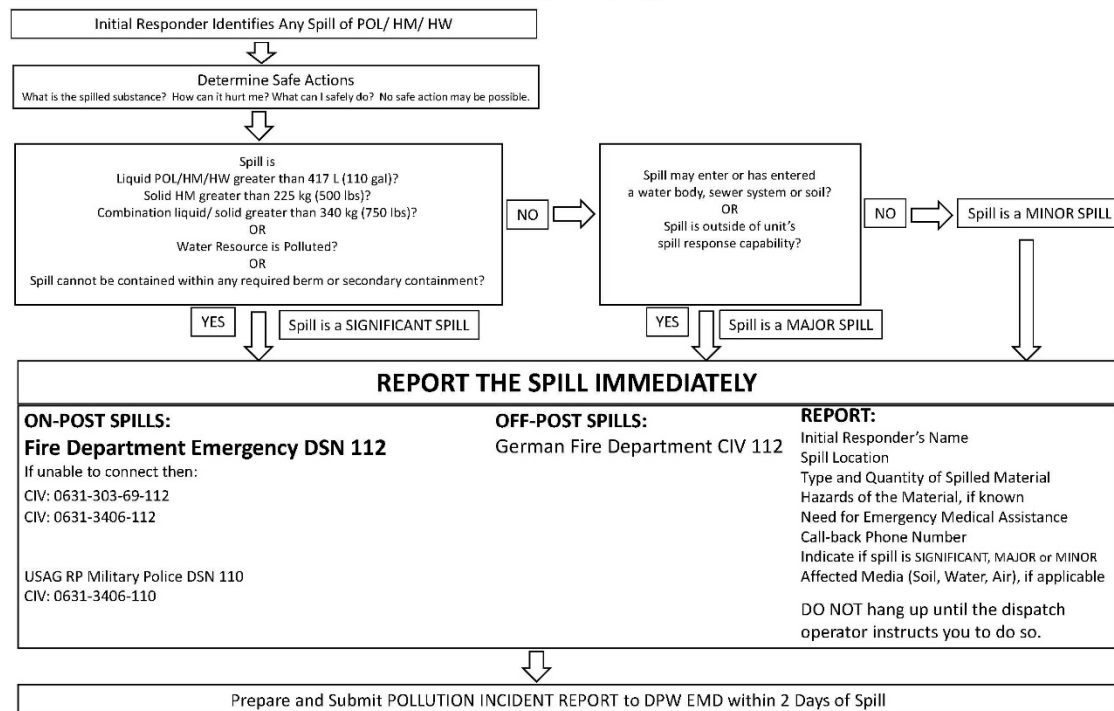




# Spill Response

In the event of a hazardous substance spill, the **Red Plan** serves as an immediate action tool to initiate the correct response at the earliest possible time.

**RED PLAN, FIGURE 1: USAG RP INITIAL SPILL RESPONSE AND NOTIFICATION PROCEDURES**



Red Plan

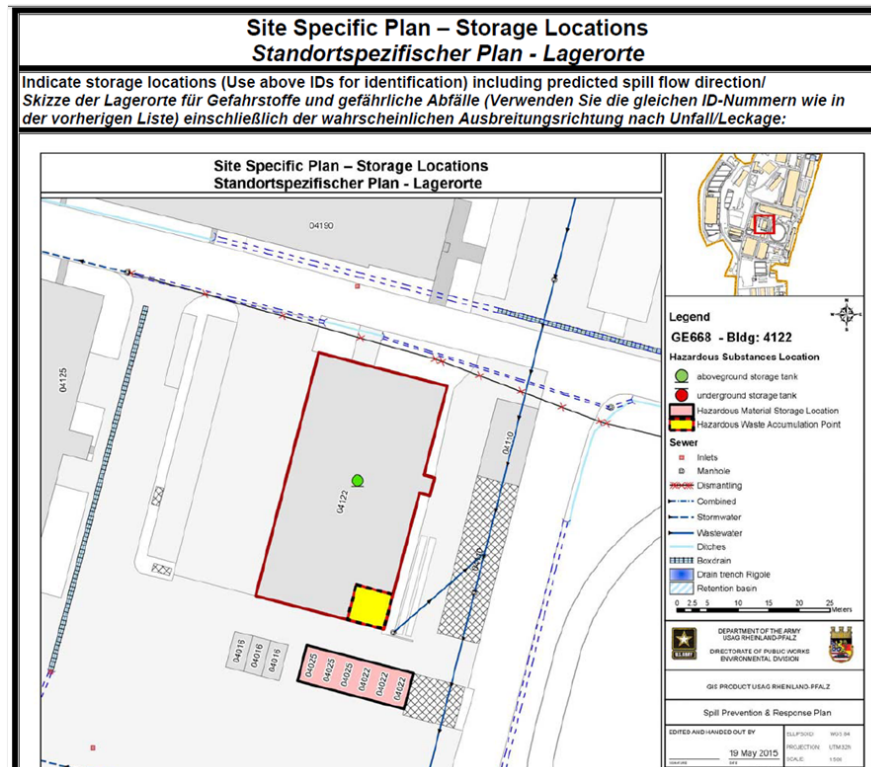




# Spill Response

## Site-Specific Spill Response Plan

- ✓ Spill flow directions
- ✓ Storage locations and content

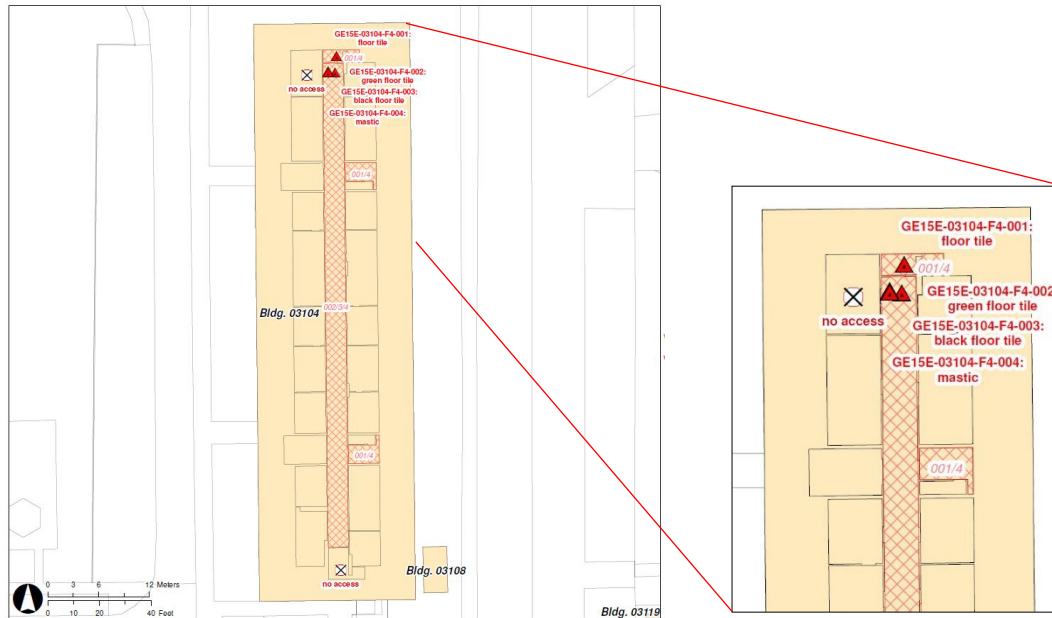






## Facility Asbestos Data maintained by DPW EMD

- Reevaluation IAW Host Nation Regulations
  - Dependent on Condition (5 Years or 2 Years)
- Asbestos information available upon request



amec GE15E – Daenner Kaserne		
USAG Rheinland-Pfalz, Germany Asbestos Survey and Resurvey, Final Report November 2014 AMEC Project ID: 577720044G		
Building number: 3107	Pipe	
Material/Sample ID: GE15E-03107-B0-002	Description: Plaster insulation on the outside of pipe insulation. Material is partly in bad condition.	
Material/Sample location: Heating Room	Floor: Basement	Inspection date: 3/5/2014
Analysis result: No Asbestos	Friable: N/A	
Identified in previous survey: No	Quantity: 5sqm	Condition: Poor
Photos: 		

amec GE15E – Daenner Kaserne		
USAG Rheinland-Pfalz, Germany Asbestos Survey and Resurvey, Final Report November 2014 AMEC Project ID: 577720044G		
Building number: 3104	Floor Tiles	
Material/Sample ID: GE15E-03104-F4-002	Description: Dark green floor tiles (10" x 25 cm) in the hallway of the 4th floor in checkered pattern with black floor tiles.	
Material/Sample location: Hallway	Floor: Fourth Floor	Inspection date: 3/5/2014
Analysis result: Chrysotile Asbestos	Friable: No	
Identified in previous survey: Yes	Quantity: 80sqm	Condition: Fair
Photos: 		
Urgency Level: III – Long-term action required (resurvey and reassessment max. within 5 years) Next Survey: 2019		

(POCs: [johannes.haid.ln@mail.mil](mailto:johannes.haid.ln@mail.mil), 541-4239; [benjamin.krieger.ln@mail.mil](mailto:benjamin.krieger.ln@mail.mil), 531-3113)





# Solid Waste and Recycling Requirements

**“Storage containers should be leakproof, waterproof, and vermin-proof... Storage containers should have functional lids and shall be kept closed except at times of filling and emptying” FGS C7.3.7.**

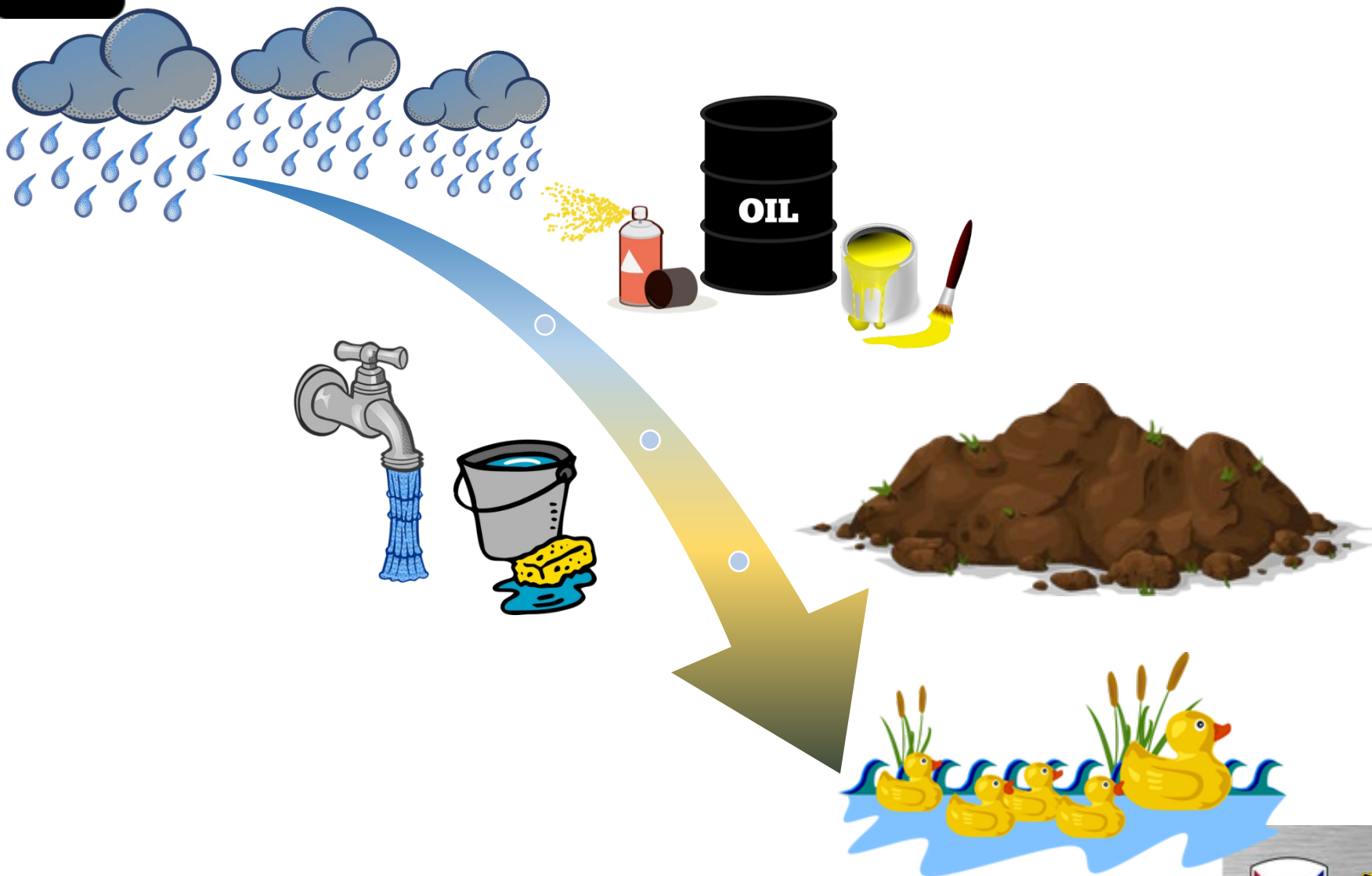


(POCs: Kaiserslautern: [franz.j.schork.ln@mail.mil](mailto:franz.j.schork.ln@mail.mil), 541-4798; Baumholder: [clemens.bambach2.ln@mail.mil](mailto:clemens.bambach2.ln@mail.mil), 531-3043)





# Stormwater Pollution?!?



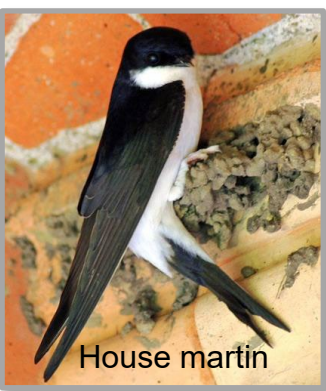




# Natural Resources Management

Some species use building façades as substitute for natural nesting and resting sites.

## GOOD TO KNOW WHEN MANAGING ARMY FACILITIES:



House martin

Several building dwelling species like bats (e.g. pipistrelle bat, serotine bat, mouse eared bat) and birds (e.g. swift, house martin, swallow, sparrow, and black redstart) are legally protected species in accordance with European, German Federal (§44 BNatSchG) and State Nature Protection Law (§24 LNatSchG).



Mouse eared bats  
in attic

Any work request affecting building exterior will be evaluated by EMD for potential impact to legally protected building dwelling species and appropriate actions will be coordinated accordingly.

(POC: [claudia.weber1.ln@mail.mil](mailto:claudia.weber1.ln@mail.mil), 541-4701)





# Natural Resources Management

Environmental crime in the light of recent events:

## OFFENSE AGAINST GERMAN FOREST LAWS

- **Game trespassing (against wildlife, poaching)**
- **Forest trespassing (against vegetation)**



### Poaching:

- 1) Intrusion into third party hunting rights as defined by Federal Penal Code:
  - Preying on, trapping, killing or taking possession of game
  - Taking possession, damaging or destroying of wildlife subject to German Federal Hunting Act
- 2) Offense against §292 Federal Penal Code and subject to monetary fine or imprisonment up to 5 years.



### Legal hunting requirements IAW Federal Hunting Act:

- 1) **Acquisition of hunting license** IAW §15 Federal Hunting Act, license must be produced at request of Police or Game Protection Authority (§ 25 Federal Hunting Act)
- 2) **Assigned game reserve** by hunting lease (agreement and fee) or hunting permit or personal invitation by game reserve authority

(POC: Federal and State Forest Agency)







# Natural Resources Management

Environmental crime in the light of recent events:

## OFFENSE AGAINST GERMAN FOREST LAWS

- Game trespassing (against wildlife, poaching)
- **Forest trespassing (against vegetation)**

Forest on installation is property of governmental Forest Agencies.



### Vandalism to forest vegetation:

- 1) Intrusion into third party property rights as defined by Federal Penal Code: Willful or attempted damage to property
- 2) Offense against §303 Federal Penal Code and subject to monetary fine or imprisonment up to 2 years.
- 3) Damage including loss of wildlife habitat (e.g. holes used by birds or mammals) is offense against §39 Federal Nature Protection Act



(POC: Federal and State Forest Agency)





# Natural Resources Management

Environmental crime in the light of recent events:

## OFFENSE AGAINST GERMAN FOREST LAWS

- Game trespassing (against wildlife, poaching)
- Forest trespassing (against vegetation)

### AS A CONSEQUENCE:

Any illegal hunting or vandalism to forest vegetation will be reported to Military and German Police.

Damages will be claimed IAW §903 German Civil Code based on property rights granted by German Constitution.

(POC: Federal and State Forest Agency)





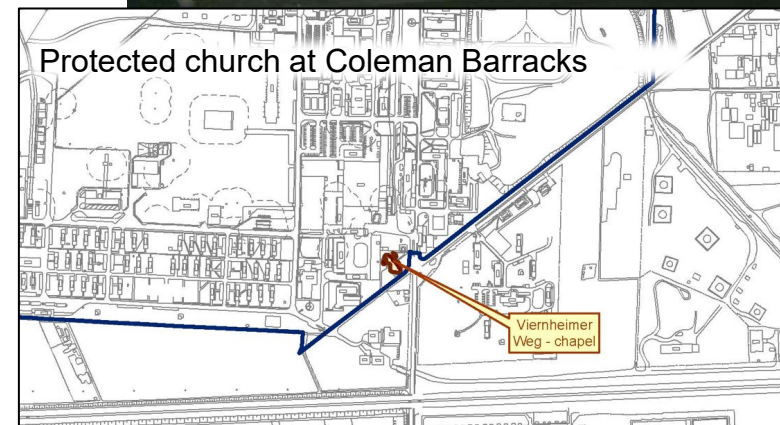
# Cultural and Historic Resources

Several protected cultural and historical sites exist within the USAG RP:

- Roman road (ROB/MAD)
- Garrison-wide about 10 archeological sites with Celtic/bronze age barrows or barrow fields
- **Historical building ensemble (Kleber Kaserne)**
- **Historical church (Coleman Barracks)**

## GOOD TO KNOW WHEN MANAGING ARMY FACILITIES:

Any work request affecting protected historical sites and buildings will be evaluated by EMD for need to coordinate work with Host Nation Cultural Heritage Authorities.





# Cultural and Historic Resources

## KEEP IN MIND:

“Installation commanders shall ESTABLISH MEASURES TO PREVENT DOD PERSONNEL FROM DISTURBING OR REMOVING HISTORIC OR CULTURAL RESOURCES without permission of the host nation.” (Final Governing Standards, C12.3.6)

For on-post AND off-post activities:

- It is prohibited to search (e.g. by digging or with the help of a metal detector) for historical or cultural artifacts without a HN permit.
- Accidentally found historical or cultural ARTIFACTS ARE OWNED BY THE FEDERAL STATE and the finds and location shall be reported to the local Cultural Protection Agency.

(POC: [claudia.weber1.ln@mail.mil](mailto:claudia.weber1.ln@mail.mil), 541-4701)















## All environmental information posted on new DPW EMD SharePoint:

[https://armyeitaas.sharepoint-mil.us/sites/IMCOM-ID-E-USAG-Rheinland-Pfalz/SitePages/DPW\\_EMD\\_Home.aspx](https://armyeitaas.sharepoint-mil.us/sites/IMCOM-ID-E-USAG-Rheinland-Pfalz/SitePages/DPW_EMD_Home.aspx)



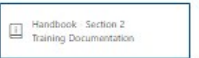





**EMD - Environmental Management Division**  
Published 1/12/2023

**Mission Statement**  
The mission is to ensure the long term sustainability of the installation through compliance with Federal Environmental laws, protection of natural and cultural resources, prevention of pollution, environmental training, environmental inspections and the well-being of the Rheinland-Pfalz military community.

**Environmental Programs**

 Air Emissions / Environmental Noise	 Drinking Water / Wastewater	 Hazardous Materials / Petroleum Oil Lubricants / Underground Storage Tanks	 Asbestos / Lead Based Paint / Pesticides / Polychlorinated Biphenyls
 Hazardous Waste / Medical Waste / Solid Waste	 Spill Prevention and Response Planning	 Natural Resources and Endangered Species / Historic and Cultural Resources	 Environmental Performance Assessment System (EPAS) / Inspections

**Environmental Officer (EO): Appointment, Training and Handbook**

 General Information	 Handbook - Section 1 Appointment Orders	 Handbook - Section 2 Training Documentation	 Handbook - Section 3 Hazardous Materials
 Handbook - Section 4 Hazardous Waste	 Handbook - Section 5 Spill Prevention and Response	 Handbook - Section 6 Solid Waste and Recycling	 Handbook - Section 7 Monitoring and Audit Results

**Staff:**

- Bethhold, HansKarl LN USARMY IMCOM EU...  
Supervisory Environmental Engineer
- Allen, Isabelle LN USARMY USAG (DEU)  
Environmental Protection Assistant
- Droda, William E (Bill) CIV USARMY IMCOM ...  
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German Energy Manager
- Goering, Anja LN USARMY IMCOM EUROPE ...  
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- Hank, Thomas LN USARMY IMCOM EUROPE ...  
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- Hald, Johannes LN USARMY IMCOM EUROPE ...  
Env. Engineer
- Kotzko, Anja LN USARMY USAG (DEU)  
Environmental Engineer (Dn)

Environmental Programs

Environmental Officer Handbook

Select the AUTHENTICATION certificate on your CAC to enter!

Environmental POCs

Environmental Organizational Chart







# Installation Status Report - Infrastructure (ISR-I) Mr REH

USAG-RP ISR-I Manager: [mathias.k.reh.in@army.mil](mailto:mathias.k.reh.in@army.mil)

ISR-I Web: <https://isr.army.mil/>





# Installation Status Report-Infrastructure

What: Periodic inspection of Garrison Real Property Facilities (RPF)

Where: All buildings, roads, grounds, and utilities.

Who: Occupants of Army Real Property

- Military Units
- Garrison Functions
- Community Support Partners

How: Using supplied worksheets detailing Army standard criteria, provided by the ISR-I Coordinator.

Why:

- AR 210-14, Installation Status Report Program, 19 July 2102
- ISR-I serves as first screening criteria for repair projects and space assignments Better position the DPW to “fight” for needed SRM funding
- Informs leadership of user-identified requirements
- ALL Space Requests and Repair Request must include updated ISR
- TASKORD 10-21

When: No later than **30 APR 21** return worksheets to DPW

Outcome: Building ratings that support repair projects





# Inspection Standards Workbooks

- Workbooks provide a uniform, Army-wide standard for evaluating condition and functionality
- Workbooks consist of components that can be evaluated for Mission or Quality or both
- Components consist of elements with text descriptions of Green, Amber, or Red criteria
- ISR-I has several Inspection Standards Workbooks
  - Workbook No. depends on Catcode
  - A Bldg. can consist of more than one Catcode
- If a **component** or **element** is shown in the Workbook and is not present BUT is needed, the component may be marked as “**Needed (Component)**” / “**Needed (Element)**”
- If the **component** or **element** is shown in the Workbook AND is not present and is not needed, the component may be marked “**N/A (Component)**” / “**N/A (Element)**”
- Workbooks get published every FY. DON'T use Workbooks of previous years.




# Digital Inspection Standards Workbook



<	>	Cover	Instructions	Alerts	WB	Worksheet	BR FCCs	+
---	---	-------	--------------	--------	----	-----------	---------	---

## Installation Status Report (ISR) - Infrastructure

		
<b>6 - MAINTENANCE FACILITIES</b>		
		<b>PROONENTS:</b>
		<b>Mission Components:</b>
		Deputy Chief of Staff, G-4, DALO-SM (703) 614-3875/DSN 224-3875, (Army Materiel Command, AMCBT-F (703) 806-8724 /DSN 806-8724)
REVISION DATE: 9/15/2018 FOR USE WITH THE FY 2019 ISR-I DATA COLLECTION		
		<b>Quality Components:</b>
		Assistant Chief of Staff for Installation Management, DAIM-ODR (571)-256-8157/DSN (312) 260 8157
CATCD	TITLE	Description
14166	DISPATCH BUILDING	A building that provides a space for the dispatcher of a motor pool to check the operational paperwork on vehicles prior to their departure. The facility is normally placed at the motor pool entrance/exit and may be combined with the Access Control Building (14113).
14178	EMPLOYEE CHANGING BUILDING	A building that provides an area for workers to shower and change clothes.
14960	GREASE RACK	(Business Rule Rated) A structure consisting of drive-on, drive-off, or drive-through ramps with or without a pit for wheeled or tracked vehicles. They provide access to the underside of vehicles for scheduled maintenance, inspection, lubrication, and oil changes. Grease racks are frequently collocated with or attached to Vehicle

- The cover provides a list of applicable CATCDs, associated with the workbook.
- The description helps the inspector, if the Facility has the right Catcode.



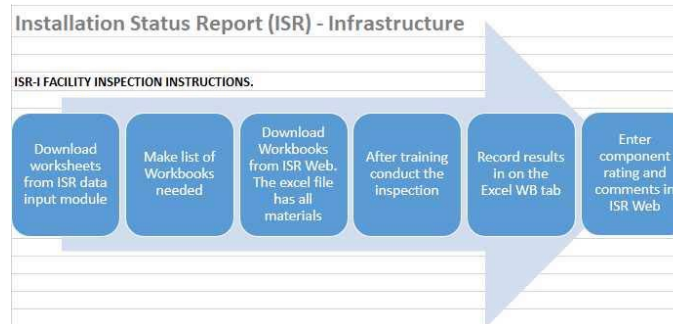


# Instructions Tab and Alert Tab



## Instructions:

- Included in each Inspection Standards Workbook
- Provide step by step guidance for documenting the inspection



## Special Instructions

- Provided by Army Component Headquarters to give inspectors instructions
- Applies to the entire Workbook

### SPECIAL INSTRUCTIONS APPLICABLE TO THIS WORKBOOK ONLY:

(ALL) Army Standard Design Criteria. The WB tab has a checkbox at the top left for optional use if construction meets Army Standard Design Criteria. When checked all Mission Functional Elements become green. Other ratings that will override this selection are: Component ratings of NA, Needed, or by rating a high value 4L element amber or red. (Latrine Accommodations, Lounge, Lobby, Living Area)

## Alert:

### 3 Alert Levels

- Warning
- Caution
- Note
- Provides information for a single component within the Workbook

Component	Description	Alert
5	Building Exterior - Roof	(WARNING) Do not climb on the roof to conduct an inspection.
6	Building Exterior - Walls	(CAUTION) If the Structural Frame cannot be safely observed mark the element NA
12	Heating Ventilation Air Conditioning (HVAC)	(NOTE) The element for window air conditioning units has been deleted and those units will be rated as "through the wall" units.





# Worksheet Tab



Fill in

- *Inspector name, email, phone number, and date completed*
- *SITE UID, Facility Number, Site Name* can be found the Excel List your ISR-I Coordinator is providing
- Select *Category code* also on the List
  - DON'T Select a different Catcode even if doesn't match the current use

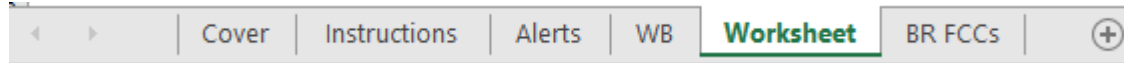
SITE UID:	
Facility Number:	
Site Name:	
Unit Id Code (UIC):	
Category Code (FCC):	
Inspector Name:	14166 - Dispatch Building
Work Email:	14178 - Employee Changing Building
Work Phone, no DSN:	21406 - Vehicle Maintenance Shop: Transient Training
Date Inspected:	21408 - Component Cleaning Facility
Workbook #:	21410 - Vehicle Maintenance Shop
	21411 - Repair Bays, Non-DOL/DPW
	21412 - Maintenance Storage, Non-DOL/DPW
	21413 - Administration And Shop Control, Non-DOL/DPW







# Worksheet Tab



- When a category code is chosen the components recommended for use are highlighted in Orange

Component Description

Calculated Component Rating

Component No

## Mission Rating - (F)

Comments from the WB

F - Mission Rating: Component									
Comp Num	Description	Weight	Other	Green	Amber	Red	New Rating		Comments
1	CATCD Agreement	1		10	0	0	1.00	Green	
2	Site	7		0	10	0	2.00	Amber	
3	Grounds	3		0	0	10	3.00	Red	No Lighting for Signage and
4	Antiterrorism	6		0	0	0		-	
5	Accessibility	4		0	0	0		-	
12	Lobby	0		0	0	0		-	
13	Building Interior - Corridors	0		0	0	0		-	
14	Stairs	0		0	0	0		-	
15	Conveyance	0		0	0	0		-	
16	Administrative Areas	0		0	0	0		-	
17	Electrical Service - Interior	7		0	0	0		-	

## Quality Rating - (Q)

Q - Quality Rating: Component									
Comp Num	Description	Other	Green	Amber	ATOG	Red	RTOG	New Rating	Comments
6	Building Exterior - General		0	0	8.85	0	34.45	-	
7	Building Exterior - Roof		0	0	2.04	0	16.89	-	
8	Building Exterior - Walls		0	0	21.29	0	42.91	-	
9	Building Exterior - Windows		0	0	0.79	0	15.49	-	
10	Building Exterior - Doors		0	0	1.07	0	5.51	-	
11	Foundation		0	0	0.96	0	3.72	-	
12	Lobby		0	0	0.00	0	0.00	-	
13	Building Interior - Corridors		0	0	0.00	0	0.00	-	
14	Stairs		0	0	0.00	0	0.00	-	
15	Conveyance		0	0	0.00	0	0.00	-	
16	Administrative Areas		0	0	0.00	0	0.00	-	
17	Electrical Service - Interior		0	0	3.68	0	14.32	-	





## WB Tab

◀ ▶ Cover Instructions Alerts **WB** Worksheet BR FCCs +

The first component in each workbook ask if the CATCD in the workbook matches the actual use of the facility. Green is Yes, and Red is No. This refers to the design use and the current use and lowers the mission score when the two are not the same.

Each component rating section has elements that you will evaluate as GREEN, AMBER, or RED.

WB: 31		<input type="checkbox"/> Meets Army Standard Design <input type="checkbox"/> Criteria							
#	Component	Rating Area	Element	Green	Amber	Red	Points	Selection	Comments
1	CATCD Agreement	F	Facility Use	The FCC (CATCD) used for this inspection matches the current use of the facility.	NA	The FCC (CATCD) used for this inspection does not match the current use of the facility.	10	Green	
2	Site	F	External Factors	In the estimation of the evaluator the site meets the following criteria: - Location is convenient and appropriate. - Facility function is not limited by the site. - Restrictions are not present: -- Visibility -- Access -- Light / Noise -- Safety concerns	A. One criteria applicable to the facility being inspected is not fully acceptable.	A. One or more criteria applicable to the facility being inspected is significantly deficient in the opinion of the evaluator.	10	Amber	
3	Grounds	F	Grounds Lighting	A. Provides direct or area lighting for: - Pedestrian movement. - Security. - Signage. - Landscape.	A. Not more than 1 of the types of lighting in the GREEN column is missing.	A. Two or more of the types of lighting in the GREEN column are missing. B. No site and grounds lighting exists.	10	Red	No Lighting for Signage and Pedestrian movement
3	Grounds	F	Paved Sidewalks	A. Installed from parking to facility. B. Installed from adjacent streets to facility. C. At least 4 feet wide.	A. Not installed from parking to facility. B. Not installed from streets to facility C. Less than 4 feet wide.	A. Not installed at all or condition of sidewalk poses a tripping hazard.	6		
3	Grounds	F	Landscaping	A. Displays a mixture of colorful plants and greenery native to the area.	A. Displays few color plantings or greenery. B. Plants are not native.	A. No plantings.	4		
3	Grounds	F	Signage	A. Signage is coordinated, clearly visible and readable. B. Building exterior signage includes directions to parking, entrances, and facilities and information is current.	NA	A. Does not meet GREEN column minimum condition requirements.	6		

Comments on "RED" Ratings



## WB Tab



Cover

Instructions

Alerts

WB

Worksheet

BR FCCs



(F) - Mission Ratings addresses configuration, and functionality of the facility. Does the facility support the mission of the user?

(Q) Quality Ratings addresses the physical condition of the facility.

component or element is not present BUT is needed: Needed

Drop-Down for Selection

#	Component	Rating Area	Element	Green	Amber	Red	Points	Selection	Comments
24	Lounge	Q	Windows	A. Hardware is easy to operate. B. Glass, weather-stripping, and vapor seal between panes are intact.	A. Hardware is difficult to operate. B. Glass intact, weather-stripping or vapor seal between panes is deteriorating.	A. Hardware is broken or missing. B. Panes cracked, weather-stripping or vapor seals needs replacement.	6		
24	Lounge	Q	Doors	A. Fully functional, with lever handles, push plates and kick-plates B. No more than 10% show damage and wear with dents, gouges, or stains. C. No more than 10% of hardware mechanisms are difficult to operate.	A. Lever handles, push plates, or kick-plates are chipped or worn. B. 10%–25% show damage and wear with dents, gouges, or stains. C. 10%–25% of hardware mechanisms are difficult to operate.	A. Lever handles, push plates, or kick-plates need major repairs or replacement. B. More than 25% show damage and wear with dents, gouges, or stains C. More than 25% of hardware mechanisms are difficult to operate.	6		
25	Parking Functionality	F	Parking	For buildings with 11 or more residents: A. A parking space is available within a 1/4 mile for residents B. On installations with a controlled perimeter, the parking is not closer than 33 feet from the building C. On installations without a controlled perimeter. The parking is not closer than 82 feet from the building For buildings with less than 11 residents: D. A parking space is available within ¼ mile for all residents..	NA	For buildings with 11 or more residents: A. Does not meet GREEN column minimum condition requirements  For buildings with less than 11 residents: B. Does not meet GREEN column minimum condition requirements.	10	Green Amber Red N/A (Component) Needed (Component) Needed (Element)	
26	Laundry Building	F	Capability	A. Enough washing and drying machines are available to meet the demand at all times. B. KIOSK for change machines and soap are present.	A. During peak demand periods the number of machines is not adequate. B. KIOSK are available but are empty or do not work.	A. Demand for washing and drying machines commonly exceeds availability. B. KIOSK are not available for change or soap.	10	N/A (Component)	
26	Laundry Building	Q	Condition	A. The facility is in good condition with only routine maintenance required.	A. The facility is in adequate condition but requires more than routine maintenance.	A. Building is in poor to failing condition and requires significant repair or replacement.	10		

component or element is not present BUT is needed: N/A





# ISR-I - Hands-on presentation

List with Facilities to Inspect:



ISR\_InspectedAsse  
ses\_FY20 to Units.x

Site Map:



Smith Site  
Map\_Example

Example Workbook:



FACMAN -  
k Exampple - 19-L





# Role Requests (for new accounts)

<https://isr.army.mil>

To request an ISR Account, click on ACCESS ISRWeb (the dog tag) using your AKO enabled CAC card and pin number





# Role Requests (for new accounts)

## Welcome to ISRWEB

ISRWEB uses Army Knowledge Online (AKO) Single Sign On (SSO) to authenticate users. Your current AKO ID, **Jane Doe**, is not recognized by ISRWEB. If you are a new user, click on the "Request an ISRWEB Account" link below to request an account. If your AKO ID (login name) has changed, click on the "Update Login ID" link to migrate your account to your new AKO login.

[Request a new ISRWEB Account](#)

[Update Login ID](#)

Click, [Request a new ISRWeb Account](#)







# Role Requests (for new accounts)

**Contact Information**

**Contact Information**

Rank/Title:

\*First Name:

\*Last Name:

\*Phone:

\*Email:

\* Required Information

- Enter your contact information
  - Provide your commercial office phone number; NOT a DSN line
    - Examples: US 123-456-7890 or Int'l 49-6221-57-5555
  - Note, you must provide your enterprise e-mail address
- Once complete, click on the **Next>>** button to continue





# Role Requests (for new accounts)

**Affiliation**

**Contract Information** [Help](#)

\*Are you a contractor?

☒ No ☐ Yes

**Organization** [Help](#)

\*Select your organization.

☐ Command ☒ Base ☐ Other

Fort Hood

**\* Required Information**

Fort Hood

Fort Huachuca

Fort Hunter Liggett

Fort Indiantown Gap

Fort Jackson

Fort Knox

Fort Leavenworth

Fort Lee

Fort Leonard Wood

Fort McClellan

Fort McCoy

Fort McCoy TS Sparta

Fort McNair

Fort Meade

Fort Myer

Fort Pickett

Fort Polk

Next >> Cancel

- From the drop-down menu, select the correct Organization for which you will be reporting data
  - Base: **USAG Rheinland-Pfalz**
- Once complete, click on the **Next>>** button to continue





# Role Requests (for new accounts)

## Select Roles & Components

**USAG Rheinland-Pfalz**

**Request Roles**

**Infrastructure**

1 **Org:** Fort Hood

2 **Component:** Services - Performance

3 **Role:** Historical Data

4 **Request Role**

5 **Next >>**

**View Only**

Only 1 Current Year Role (View Only, Evaluator, Validator, Approver) can be requested per Org & Component.

Requested Roles						
		Reporting Org	Component	Role	Access Type	Status
<a href="#">Delete</a>	<a href="#">Edit</a>	Fort Hood	Services - Perf	Evaluator	Current Year Data	Pending

- 1 The reporting organization you selected will appear as the default when requesting a Component(s)  
You have the ability to select other organization(s) from the drop-down menu  
Remember, the User Administrator for that organization must approve your request
- 2 Select your appropriate Component from the drop-down menu
- 3 Then, choose the appropriate Role from the drop-down menu
- 4 Click on the Request Role button  
Multiple roles can be requested repeating the above procedures  
When requesting multiple roles ensure you click on the Request Role button after each selection
- 5 Once complete, click on the **Next>>** button



# Role Requests (for new accounts)



**Review Information**

**Contact Information** [Edit](#)

**Rank/Title:** CIV

**First Name:** Jane

**Last Name:** Doe

**Phone:** 571-555-5555

**Email:** jane.doe.civ@mail.mil

---

**Contact Information** [Edit](#)

**Contractor:**

☒ No ☐ Yes

---

**Organization** [Edit](#)

**Select your organization.**

☐ Command ☒ Base ☐ Other

Fort Hood

---

Requested Roles				
Reporting Org	Component	Access Type	Role	Status
Fort Hood	Services - Perf	Current Year Data	Evaluator	Pending
Fort Hood	Services - Perf	Historical Data	Historical Data	Pending

[Edit Roles](#)
[Finish](#)
[Cancel](#)

- Last step: Review your information for accuracy
- Click on **Edit** Roles to make any modifications
- If everything is correct, click on the **Finish** button
- **Failure to click the Finish button results in nullifying your request(s)**
- **Send e-mail to [mathias.k.reh.ln@mail.mil](mailto:mathias.k.reh.ln@mail.mil) for Account approval**







# Role Requests (for new accounts)

**Review Information**

**Account was successfully requested.**

**Contact Information**

**Rank/Title:** CIV

**First Name:** Jane

**Last Name:** Doe

**Phone:** 571-555-5555

**Email:** jane.doe.civ@mail.mil

**Contract Information**

**Contractor:** No

**Organization**

**Organization:** Fort Hood

**Requested Roles**

Reporting Org	Component	Access Type	Role	Status
Fort Hood	Services - Perf	Current Year Data	Evaluator	Pending
Fort Hood	Services - Perf	Historical Data	Historical Data	Pending

**ISR WEB Account Awaiting Approval**

Your ISR WEB Account has not yet been approved for the roles you have requested. Account role requests are approved by the ISR Component Administrator at the organization for which the roles have been requested.

Click the link below to view your pending role requests, make changes and look up the appropriate user administrator's contact information.

[View My Account](#)

Send email to: [mathias.k.reh.ln@mail.mil](mailto:mathias.k.reh.ln@mail.mil) to inform that account got requested





# ISR-I web - Overview

Log on to ISR Website: <https://isr.army.mil>  
 - click on **ACCESS ISRWEB** (the dog tag).

**INSTALLATION STATUS REPORT**

**ACCESS ISRWEB**

ISR HOME    ISR WEB APPLICATION INFO    ISR INFRASTRUCTURE    ISR MISSION CAPACITY    ISR SERVICES

**ISR Website Menu**

*To access the ISRWEB applications or to request an ISRWEB User Account, click on the "Access ISRWEB" icon in the upper right corner of this page.*

**LATEST ISR PROGRAM NEWS, UPDATES AND ANNOUNCEMENTS**



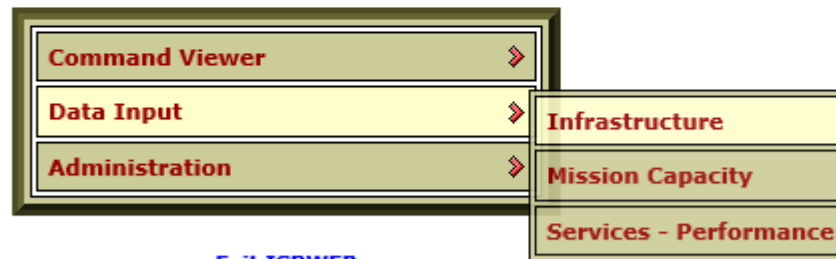




# ISR-I web - Overview



## ISRWEB HOME



## ISR-I web - Overview



Click on USAG Rheinland-Pfalz to see all Facilities

See Component Ratings

https://isr.hqda.pentagon.mil/ - ISR Infrastructure - Internet Explorer

ISRWEB Navigation Logout

ISR Infrastructure: **F2** **Q2** Readiness Msn Qual Role: Validator

**Quality Rating**

**Mission Rating**

**Asset Uses** Readiness Rating Metrics

Organization: **GE430**  
**USAG Rheinland-Pfalz**

Status: **Transferred and Locked**

View By Use View By Asset  
View By BR View Complex

**USAG Rheinland-Pfalz**

- Ops & Trng
- Maint & Prod
- Rdt&E
- Supply
- Medical
- Administrative
- Hsg & Community
- Util & Ground Improv
- Mobility

Reports  
Worksheets  
Search Asset Uses  
Search Assets

SITEUID	Asset UID	FACNO	CATCODE	CATCODE Desc	Amt	UM	UIC	WB	Msn Score	M Cost	Qual Score	R Cost	RM Cost	Due	Group	Rate	Qualifier
3265	<a href="#">518322</a>	2	73046	Dependent Sch	6,840	SF	HE3627-00	48	NA		100.00	0		FY20	3	View	27, 41
3265	<a href="#">519336</a>	3	73046	Dependent Sch	90,532	SF	HE3627-00	48	NA		100.00	0		FY20	3	View	27, 41
3265	<a href="#">519612</a>	4	73046	Dependent Sch	5,967	SF	HE3656-00	48	NA		100.00	0		FY20	3	View	27, 41
3265	<a href="#">519637</a>	7	75020	Baseball Field	1	EA	HE3627-00	51	72.22	492,166	56.00	782,880	1,275,046	FY21	2	View	25
3265	<a href="#">519646</a>	8	75011	Court Area	1	EA	HE3627-00	51	NA	59,263	70.00	53,477	98,382	FY19	3	View	27, 41
3265	<a href="#">520610</a>	9	81360	Transformers	630	KV	W6E6/A-70	58	88.51	3,932	100.00	0	3,932	FY21	2	View	25, 35
3265	<a href="#">520610</a>	9	89113	Sub/Swit Sta Bd	174	SF	W6E6/A-70	75	73.87	5,474	69.00	6,595	11,674	FY22	2	View	25, 35
3265	<a href="#">518040</a>	17	73046	Dependent Sch	54,149	SF	HE3656-00	48	NA		100.00	0		FY20	3	View	27, 41
3265	<a href="#">518040</a>	17	74062	Fst Fd/Snk Bar	1,922	SF	351443-00	40	NA		100.00	0		FY20	3	View	27, 41
3265	<a href="#">518040</a>	17	89120	Plt/Util Bldg	544	SF	@6E6QZ-70	75	89.47	7,142	80.00	13,639	20,487	FY22	2	View	25
3265	<a href="#">518046</a>	18	73046	Dependent Sch	1,562	SF	HE3656-00	48	NA		100.00	0		FY20	3	View	27, 41
3265	<a href="#">518052</a>	19	73046	Dependent Sch	3,054	SF	HE3656-00	48	NA		100.00	0		FY20	3	View	27, 41
3265	<a href="#">519623</a>	53	44220	Storage Gp Inst	194	SF	W6E6/E-70	17	67.46	13,230	76.00	9,882	20,327	FY21	2	View	25
3265	<a href="#">519624</a>	55	81360	Transformers	500	KV	W6E6/A-70	58	100.00	0	100.00	0	0	FY24	2	View	35
3265	<a href="#">519624</a>	55	89113	Sub/Swit Sta Bd	251	SF	W6E6/A-70	75	96.67	1,006	91.00	2,761	3,743	FY22	2	View	25, 35
3265	<a href="#">519625</a>	56	81360	Transformers	500	KV	W6E6/A-70	58	82.76	4,683	100.00	0	4,683	FY21	2	View	25, 35
3265	<a href="#">519625</a>	56	89113	Sub/Swit Sta Bd	251	SF	W6E6/A-70	75	80.18	5,989	71.00	8,846	14,422	FY22	2	View	25, 35
3265	<a href="#">519626</a>	57	81360	Transformers	630	KV	W6E6/A-70	58	94.25	1,968	100.00	0	1,968	FY21	2	View	25, 35
3265	<a href="#">519626</a>	57	89113	Sub/Swit Sta Bd	194	SF	W6E6/A-70	75	73.87	6,103	74.00	6,150	11,885	FY22	2	View	25, 35
3265	<a href="#">519627</a>	58	81360	Transformers	630	KV	W6E6/A-70	58	100.00	0	100.00	0	0	FY24	2	View	35
3265	<a href="#">519627</a>	58	89113	Sub/Swit Sta Bd	251	SF	W6E6/A-70	75	100.00	0	100.00	0	0	FY24	2	View	35
3265	<a href="#">519628</a>	59	81350	Elect Sw Stat	107	KV	W6E6/A-X	58	94.71	291	99.00	47	338	FY21	2	View	25
3265	<a href="#">519629</a>	61	89121	Heat Plt Bldg	4,962	SF	W6E6/A-70	75	46.67	244,598	31.00	315,927	543,845	FY21	2	View	25

Export Uses

FY Due for Rating

Search





# Summary

## What does ISR-I do?

### The Army's Installation Status Report - Infrastructure:

- ✓ Apply established, Army-wide standards to assess the condition of facilities and infrastructure
- ✓ Identify substandard facilities or shortfalls
- ✓ Coordinate facility restoration efforts across reporting locations





# Summary

## How the Army is Using ISR

ISR helps Commanders/Directors to:

- ✓ Manage their facilities and infrastructure assets
- ✓ Prioritize and defend resource requirements
- ✓ Improve their readiness posture

ISR-I is used to determine the best value for the Army when considering:

- ✓ Work Requests (DA 4283s),
- ✓ Military Construction (1391's),
- ✓ R&M Projects

The reality is that SRM funding is intimately linked to ISR ratings





# Questions?





# USAG RHEINLAND-PFALZ FACMAN / SAFETY ORIENTATION







## FACMAN/SAFETY ORIENTATION

### USAG RHEINLAND-PFALZ SAFETY OFFICE POINTS OF CONTACT

#### **Rhine Ordnance Barracks**

Mr. Richard Cruikshank	Safety Director	541-2300
Mr. Jeffrey T. McCain	Safety Specialist	541-2301
Mr. Curt Hoyer	Safety Specialist	541-2303
Mr. Herbert Nold	Safety Specialist	541-2302
Mr. Michael Kah	Safety Specialist	541-2305

#### **Baumholder**

Mr. John Bailey	Safety Specialist	531-2752
Mr. Robert Backert	Safety Specialist	531-2753







# Common Office Safety and Health Hazards

## Safety Inspection Common Findings

- Housekeeping and Physical layout
- Are walking working surfaces free from debris, depressions, tripping hazards, strong enough to support the weight of workers, and dry?
- Are cabinets and racks secured from falling over, and not too heavy?
- Exits and Egress
- Fire hazards
- Are ramps and walk ways kept free from debris, snow or ice?
- Are items secured from falling on workers or the public?
- Electrical equipment & 'daisy-chaining'





# Physical Layout / Housekeeping Controls

- ✓ Regularly inspect, and repair or replace faulty carpeting.
- ✓ Remove excess debris from the work area.
- ✓ Clean up spills promptly



Excess debris in work area





# Exits and Egress Hazards

- ✓ Emergency Exits must remain free of obstructions at all times.
- ✓ Blocked or improperly planned means of egress can lead to injuries as a result of slips, trips, and falls.
- ✓ Temporarily blocking an exit, even if unintentional, can lead to accidents happening.



Blocked exit





# Fire Hazard Controls

## To reduce office fire hazards:

- ✓ Fire extinguishers and alarms must be conspicuously placed and accessible.
- ✓ Fire extinguishers should never be placed / stored on the floor, but mounted a minimum of 4" from floor.
- ✓ Store excess paper materials inside cabinets, files or lockers.



Blocked fire extinguisher







## Fire Hazard Controls – cont'd

- ✓ Fire Extinguisher are NOT to be used to prop open doors!
- ✓ If doors need to be “propped” then ensure proper hardware is installed to do so.
- ✓ Fire doors are to remain closed unless they have automatic closures installed.





## Fire Hazard Controls – cont'd

### Stacking & Storage

At least **18 inches** of space should be left below a sprinkler head as a general **rule**. (NFPA 13, subsection 8.5.5.2.1)



Fire sprinkler head





# Hazardous Chemicals

## Common Findings

1. Is there an inventory of all chemicals used in the workplace?
2. Does each chemical have a Safety Data Sheet (SDS)?
3. Are all employees trained on the chemical and know where the SDS is? (*SDS must be accessible to all personnel 100% of time, and should be centrally located.*)
4. Do you have the right Personnel Protective Equipment for the chemical?
5. Are solvents in use approved by the Department of Public Works Environmental Office?





# Safety Data Sheet (SDS)

## Safety Data Sheet

### Common Information

**VALTECH** Bleach  
Safety Data Sheet  
according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations  
Date of issue: 12/23/2013 Revision date: 10/13/2016 Supersedes: 12/23/2013 Version: 1.1

**SECTION 1: Identification of the substance/mixture and of the company/undertaking**

**1.1. Product identifier**  
Product form : Mixture  
Product name : Bleach  
CAS No : 7681-52-9  
Product code : VT150


**1.2. Relevant identified uses of the substance or mixture and uses advised against**  
Use of the substance/mixture : For laboratory and manufacturing use only

**1.3. Details of the supplier of the safety data sheet**  
Val Tech Diagnostics, A Division of LabChem Inc.  
Jackson's Pointe Commerce Park Building 1000  
1010 Jackson's Pointe Court  
Zelensville, PA 16063  
T 412-626-5230  
F 724-473-0647

**1.4. Emergency telephone number**  
Emergency number : CHEMTREC: 1-800-424-9300 or 011-703-527-3887

**SECTION 2: Hazards Identification**

**2.1. Classification of the substance or mixture**  
**GHS-US classification**  
Skin Irrit. 2 H315  
Eye Dam. 1 H318  
Aquatic Acute 2 H401  
Full text of H statements: see section 16

**2.2. Label elements**  
**GHS-US labeling**  
Hazard pictograms (GHS-US) :   
Signal word (GHS-US) : Danger  
Hazard statements (GHS-US) : H315 - Causes skin irritation  
H318 - Causes serious eye damage  
H401 - Toxic to aquatic life  
Precautionary statements (GHS-US) : P264 - Wash exposed skin thoroughly after handling  
P273 - Avoid release to the environment  
P280 - Wear protective gloves, protective clothing, eye protection, face protection  
P302 + P352 - IF ON SKIN: Wash with plenty of soap and water  
P305+P351+P338 - If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P310 - Immediately call a poison center or doctor/physician  
P332 + P313 - If skin irritation occurs: Get medical advice/attention  
P362 - Take off contaminated clothing and wash it before reuse  
P501 - Dispose of contents/container to comply with local, state and federal regulations

**2.3. Other hazards**  
Other hazards not contributing to the classification : None.

**2.4. Unknown acute toxicity (GHS US)**  
No data available

10/13/2016 EN (English US) Page 1

1. SDS replaced the MSDS on 01 June 2016
2. SDS contains 16 sections, when initialing reviewing pay attention to section 2 (Hazards Identification), section 4 (First Aid Measures), section 7 (Handling and Storage), section 8 (Exposure Controls / Personal Protection), and section 10 (Stability and Reactivity). ALL sections are pertinent, but these will provide you with the initial information on hazards, first aid measures, how to store the product, safe handling requirements, and capability with other products.
3. Where is the **Safety Data Sheet binder**?
4. Hazmat labeling shall be correct for a secondary container. Notice percentages of mixture and points of contact for manufacturer.



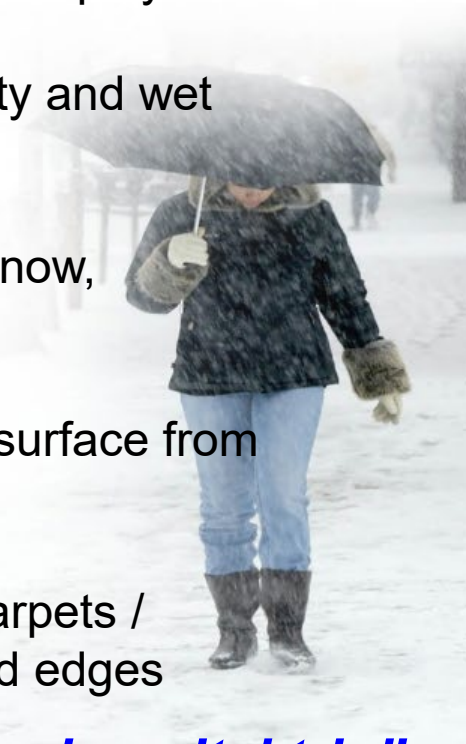




## Slips, Trips and Falls



- Ensure your working areas are free from things that can injure your employees
- Walking on slippery, dirty and wet surfaces
- Weather hazards (ice, snow, rain, etc.)
- Transitioning from one surface from another
- Rumpled or rolled up carpets / mats or carpets with curled edges



***“A spill, a slip, a hospital trip”***





## Environmental Considerations

What can you do?



- Good housekeeping practices
- Reduce wet or slippery surfaces; use signage as necessary
- Keep aisles and walkways clear of obstacles and clutter
- Keep desk or file cabinet drawers closed
- Remove trip hazards such as electrical cords, hoses and cables
- Report ice, snow or water accumulation on walking surfaces

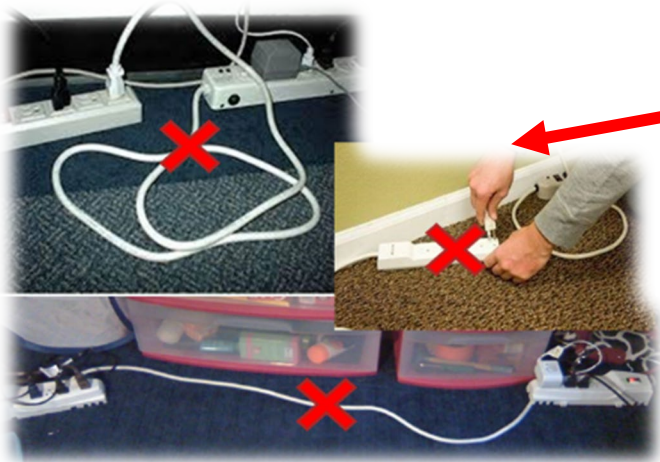






# Electrical Outlets & Plugs

## \* Per DA Pam 385-26, The Army Electrical Safety Program



Electrical devices should be plugged directly into a wall receptacle outlet or into only one temporary extension unit as required (**daisy-chaining is prohibited**).

Use power strips / relocatable power taps (RPTs) only for **low amperage** equipment such as computer monitor, fan, computer, small printer, and so forth. Do NOT plug extension cords into RPTs.

Replace damaged power strips (RPTs) no matter how slight / minor the damage may be.





## Witnessed office area discrepancies:



1. Power cords daisy-chained from computer to power strip to another power strip to the wall.
2. High amperage draw devices (specifically a microwave oven, coffee pot and refrigerator plugged into a RPT [that was also daisy chained]).
3. RPTs were filled up and daisy chained.





# High Capacity Electrical

Employee should not reach blindly into areas which may contain energized parts.



Why are breakers tripping?

Are you a certified electrician?

If not, stay out of the box!





# Electric Cabinet Clearance

Maintain a 3-foot clearance around ALL electrical cabinets.







## Uncovered cable / internet Box

Cover is broken / dislodged and exposes workers to box internals and potential “live” wires.

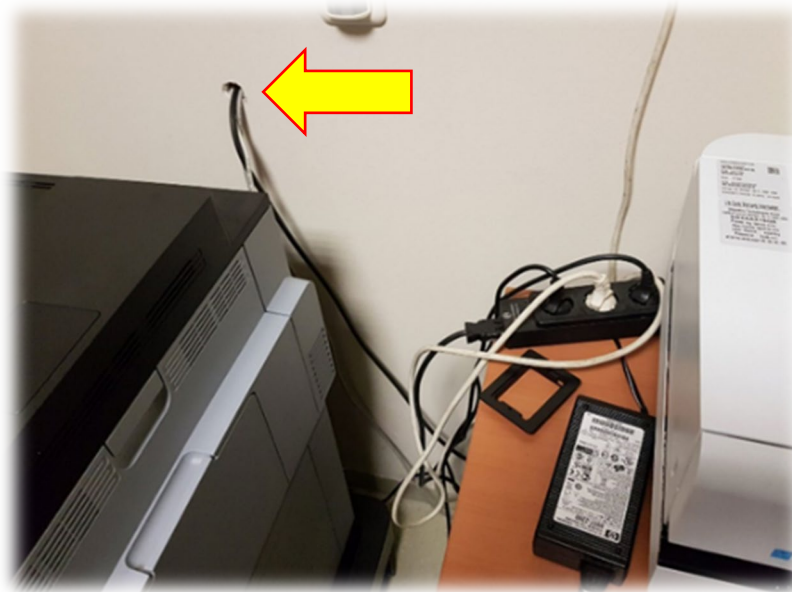




# Electric Wiring Issues

An employee cut a hole in the wall to route electrical cords that power a copier and other electrical devices.

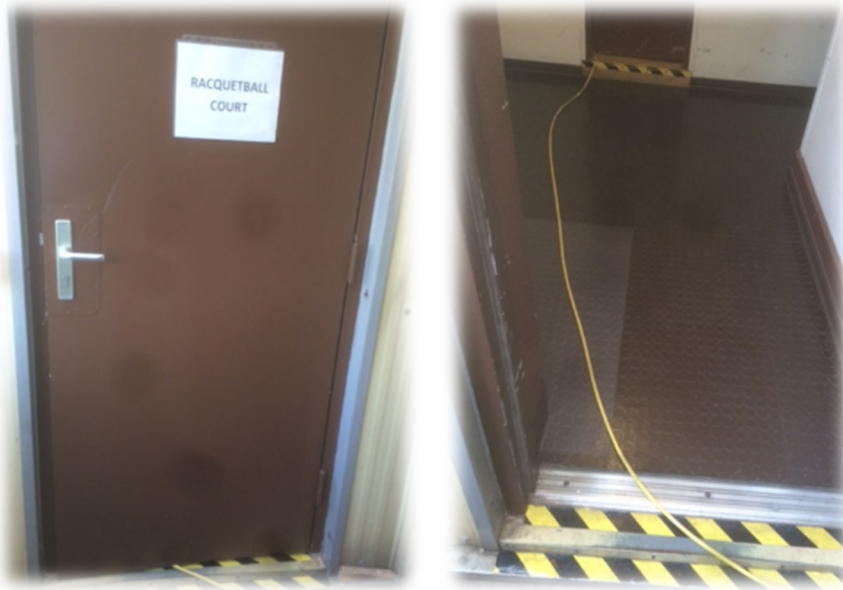
Per DA Pam 385-26, para. 2-4q, "Do not run extension cords through windows, holes in walls, in between doors, or under carpets or rugs."







# Temporary Electrical Cords



- An electrical cord is used as temporary wiring to the racquetball court and is running through several doors.
- In order to prevent electrical fires, the use of extension cords should be used only when a temporary, flexible connection is necessary. They will not be substituted for fixed wiring.
- Furthermore the extension cord is running along the floor and creating a trip hazard.

**Recommendation:** Either rearrange the location of electrical devices so that they can be plugged into a wall outlet or submit a work order to the DPW to have additional wall outlets installed.





## Secure Storage

Storage of material shall not create a hazard.

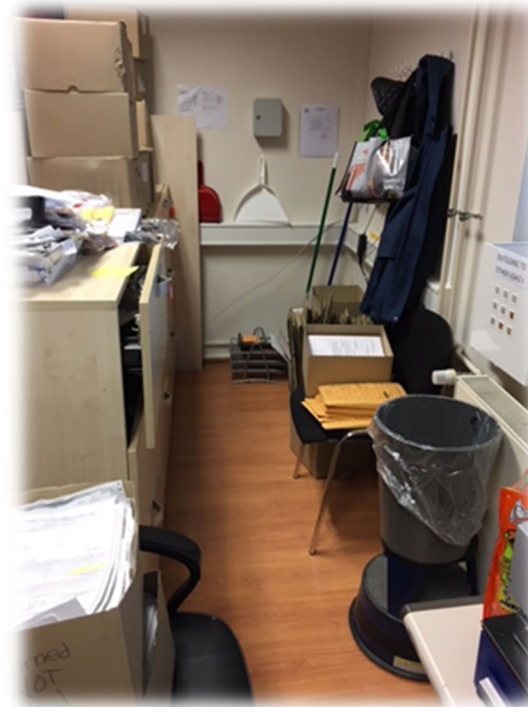
Bags, containers bundles, etc., stored in tiers shall be stacked, blocked, interlocked and limited in height so that they are stable and secure against sliding or collapse.





## Employee Working Areas

Employees use of filing cabinets in the back part of the office, is accumulated with boxes, chairs and personal belongings which reduces the safe moving space.





# Storage Shelves

Replace the unstable shelves with wider and stronger shelves, and column base plates, and anchor to the floor or wall with anchor bolts capable of resisting the forces caused by the loads on the rack. Store heavier items on the bottom shelves.







# Lighting

## Lighting

Are exit routes, access ways, gangways, stairs, work areas and walkways sufficiently lit?

Are lighting fixtures in good working order?

Are lighting fixtures clean, allowing for optimal lighting levels?





# Exit Lighting

The fire exit sign in the main foyer of the building has a burnt out bulb and does not illuminate.

Each exit route and exit sign must be adequately lighted so that an employee can see along the exit route







## Questions?





*enterprise Military Housing*





# Enterprise Military Housing

## What is eMH?

Enterprise Military Housing (eMH) is the only authorized information Management system for barracks management day-to-day procedures, such as assignment, termination, schedule inspections, furnishings accountability. It provides information on asset management, associated reports and dashboards.

eMH is mandated by the office of the Secretary of Defense.

## What does it do?

eMH, when used correctly, will provide oversight of all barracks management details. Reports can easily be pulled by all Stakeholders and data used for reports.

## Who should be trained?

Our frontline trainees are the barracks managers, Commanders and 1SG's. All should have a basic understanding of eMH so they would be able to look up information or reports.

\*Stakeholders that have already access to eMH, can always use the Training Tools on the eMH website.

Everyone is welcome to attend the new implemented eMH online training (even those not registered with eMH)

Next In Person Training events:  
Every Tuesday 0800-1000 in KMC  
Monthly in BMC

<https://conference.apps.mil/webconf/ID-EuropeABMP>





# ALERTS

Enterprise Mass Warning and Notification (EMWN) is a critical aspect to alert, warn and provide instructions to military base populations of current and predicted threats.

This emergency mass notification capability must be able to send notifications via available communication methods including voice communications, visible signals, text displays, text messaging, and computer notification. Additional service-specific guidance further mandates details regarding how quickly various categories of mission essential personnel, such as military first responders, fire, or police units must be notified in the event of different categories of events.

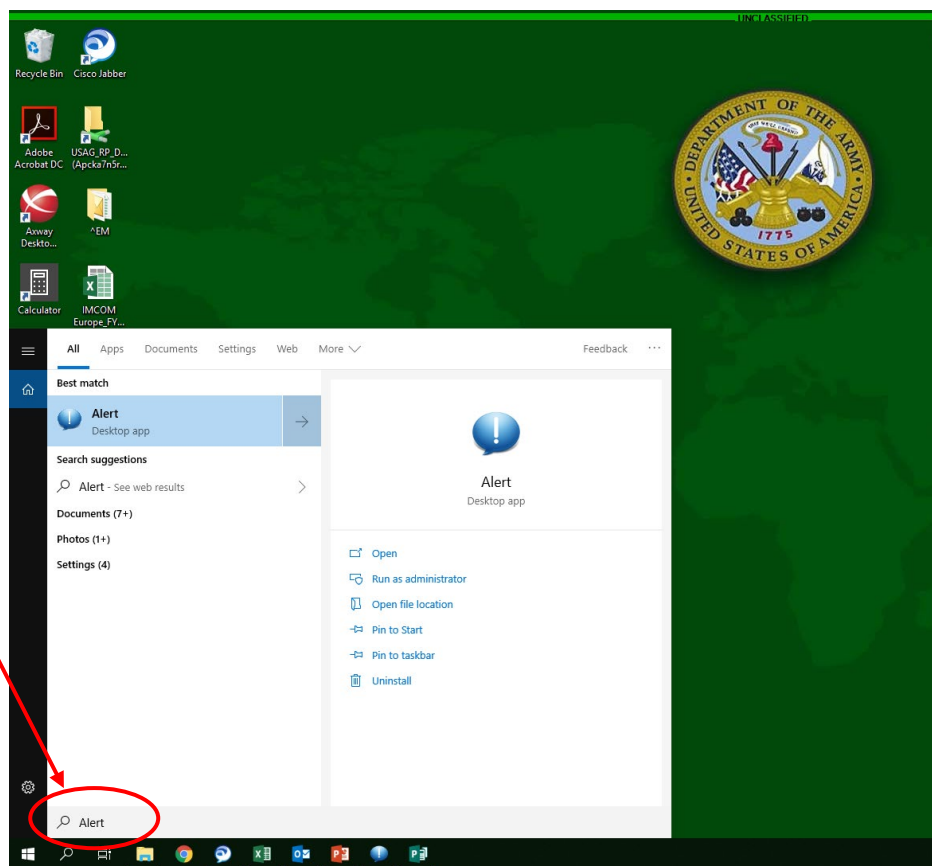
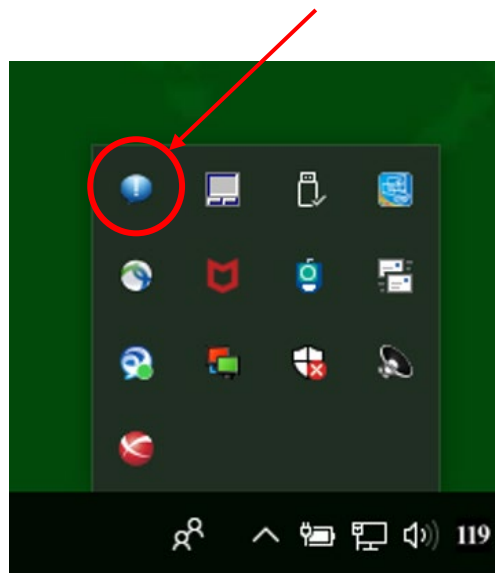
Alert! is capable of notifying registered users via a number of communication methods including desktop popups, phone, Short Message Service (SMS) text messages, email, mobile application, Giant Voice (GV) and Indoor Voice (IV).





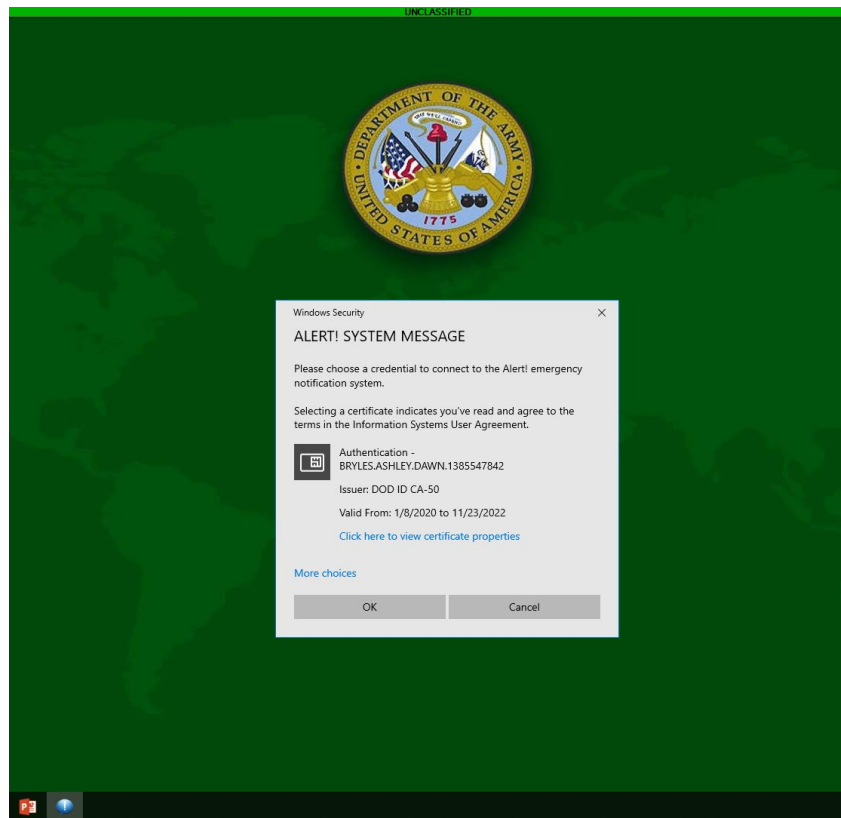
# How to Register (Step-by-step guide)

- **Step 1 – locate the ALERT icon or search ALERT in your window's search bar**





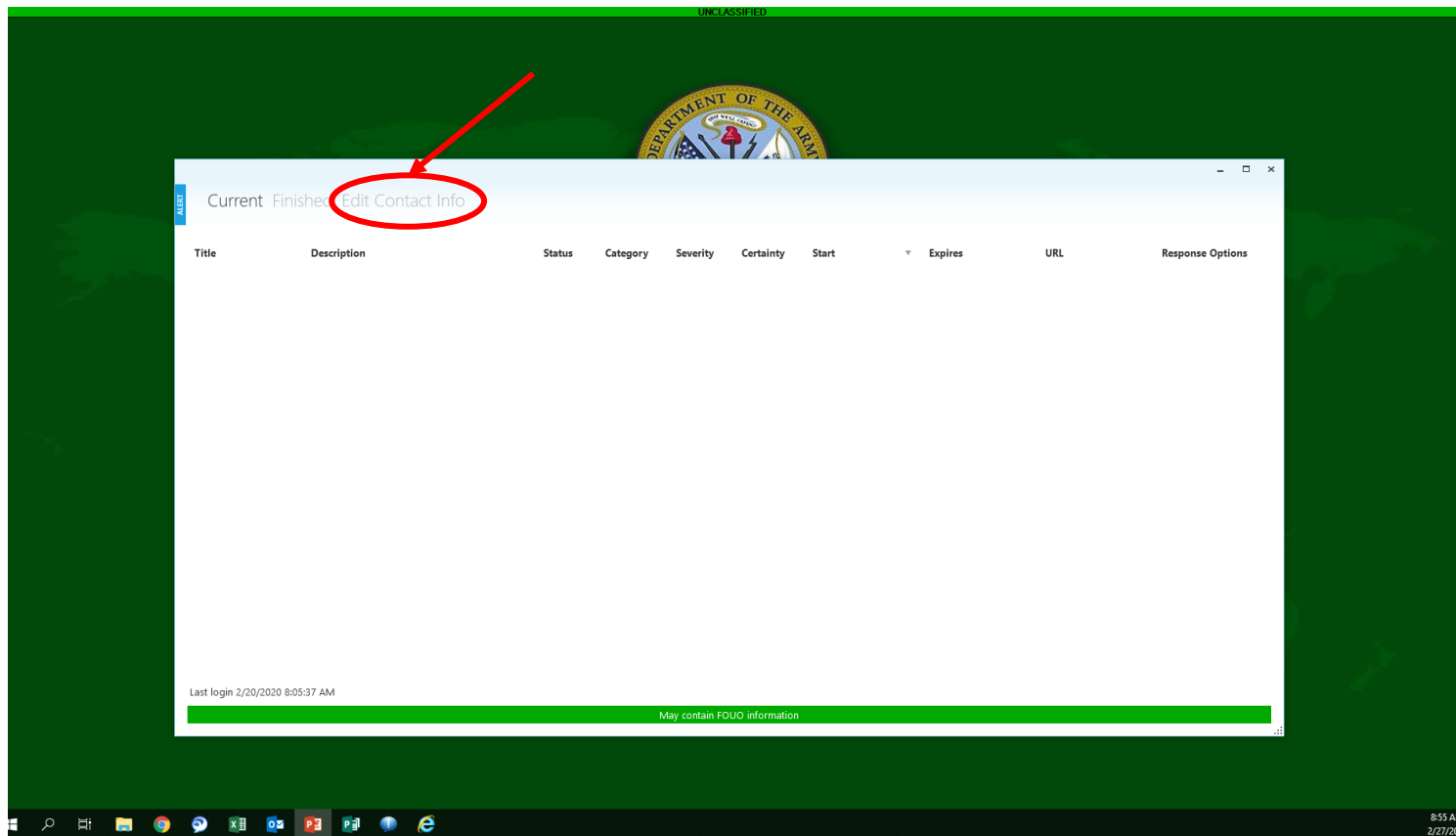
- **Select appropriate certificate and log into the system (you might have to relocate the blue exclamation globe if it does not pop up)**







- **Edit Contact Information** (wait for Internet Explorer to popup)





# Edit Personal Information

- Edit Personal information with First and Last name
- EDPI is auto-populated

**Edit Client**

Last Updated: 2/27/2020 8:08:52 AM

**Client**

\* indicates required fields

**Personal Information**

First Name*	Middle Name	Last Name*
Jane		Doe
Rank	CAC EDIPI ⓘ	
CIV	1385547842	





# Add Contacts

- **Phone number MUST be a work phone at a minimum!**
  - DSN numbers must be international format (+49-61143 and then the DSN **+49-611435413030**)
- You can opt to only receive text messages, but must enter a valid cell phone number (+49-number)
- **Email MUST be a work email at a minimum!**
  - Personal emails are not required but will ensure you receive the information when not at work for emergencies and closures/delays

**Contact Methods**

Phone Numbers

**Do NOT enter DSN numbers.**

Phone Number\* <sup>i</sup>  Extension <sup>i</sup>

Format must be either '000-000-0000' (U.S.) or '+999-0000000000' (international)

Usage <sup>i</sup> Type <sup>i</sup> Receive SMS <sup>i</sup> Shared/Non-Confirming <sup>i</sup>

Home ☐ Text-only ☒ ☐

[Add Phone](#) [Remove](#)

Email Addresses

Email Address\* <sup>i</sup> Usage <sup>i</sup>

Work ☐ [Remove](#)

Home ☐ [Remove](#)

[Add Email](#)





# Add Associations

- **ALL PERSONNEL** will add the below command structure:
  - Headquarters United States Army Garrison Rheinland-Pfalz (W6E6AA)
- Add “Military Locations” and “Additional Attributes” based on your leadership’s advisory

Associations ⓘ

Description	Dates	
Additional Attributes: EM		<button>Remove</button>
Command Structure: Headquarters United States Army Garrison Rheinland-Pfalz (W6E6AA)		<button>Remove</button>
Military Location: Army / USEUCOM / USAG Rheinland-Pfalz		<button>Remove</button>

Add Military Location **Add Command Structure** Add Address Add Additional Attributes

Add Command Structure

Name/UIC ⓘ  
W6E6AA

Headquarters United States Army Garrison Rheinland-Pfalz (W6E6AA)

Add Cancel





# Additional Information

- **SAVE the added information!**
- **It is important to remember:**
  - Ensure your telephone numbers are in the **correct format**
  - Add a personal email
  - Add the Command Structure: **Headquarters United States Army Garrison Rheinland-Pfalz (W6E6AA)**
  - Update information as needed (Information change/PCS/Lateral Move)!





# Interactive Customer Evaluation (ICE)







# ICE ICE Baby!!!





# Interactive Customer Evaluation (ICE)

## http://ice.disa.mil

The screenshot shows the ICE website with a blue header and a main content area. The header includes the ICE logo, navigation links (HOME, About ICE, FAQ, Webmaster, Manager Login (CAC required)), and a welcome message. The main content area features the Department of Defense seal, a search bar, and a list of search criteria. The footer contains links for Intended Usage Advisory, Accessibility Statement, External Link Disclaimer, Privacy and Security Notice, No FEAR Act Data, Freedom of Information Act, USA.gov, Section508.gov, Defense Link, FirstGov, The White House, and GSA.

**ICE**  
INTERACTIVE CUSTOMER EVALUATION

[HOME](#) [About ICE](#) [FAQ](#) [Webmaster](#) [Manager Login \(CAC required\)](#)

### Welcome to ICE!

*Interactive Customer Evaluation (ICE) allows DoD customers to rate products and services provided by DoD offices and facilities worldwide.*

*Your comment card ratings are used to improve the products and services available to you.*

Base, Location, Site... [SEARCH](#)

Search for the ICE site that contains the service provider you would like to:

- Provide recommendations to
- Rate your experience with
- Find information about

Intended Usage Advisory  
Accessibility Statement  
External Link Disclaimer  
Privacy and Security Notice

No FEAR Act Data  
Freedom of Information Act  
USA.gov  
Section508.gov

Defense Link  
FirstGov  
The White House  
GSA





# http://ice.disa.mil



[HOME](#) [About ICE](#) [FAQ](#) [Webmaster](#) [Manager Login \(CAC required\)](#)

## About ICE 2.3.4 (December 2016)

The Interactive Customer Evaluation (ICE) system is a web-based tool that collects feedback on services provided by various organizations throughout the Department of Defense (DoD). The ICE system allows customers to submit online comment cards to provide feedback to the service providers they have encountered at military installations and related facilities around the world. It is designed to improve customer service by allowing managers to monitor the satisfaction levels of services provided through reports and customer comments. ICE provides the following benefits:

- Allows DoD customers to quickly and easily provide feedback to service provider managers.
- Gives leadership timely data on service quality.
- Allows managers to benchmark the performance of their service providers against like services in other DoD organizations.
- Saves money by providing an enterprise wide capability to manage the resources necessary to collect and report on customer feedback and satisfaction ratings.

Joint Service Provider (JSP) is responsible for high-level system administration and maintenance. Organizations using ICE are responsible for maintaining their own service providers/comment cards.

If your organization is interested in becoming an ICE participant, please visit [Become an ICE Participant](#) page.

For additional information or to submit comments/suggestions about the ICE system, please use our [contact form](#).

Intended Usage Advisory  
Accessibility Statement  
External Link Disclaimer  
Privacy and Security Notice

No FEAR Act Data  
Freedom of Information Act  
USA.gov  
Section508.gov

Defense Link  
FirstGov  
The White House  
GSA





# DPW ICE (15 Service Providers)

Service Provider Name	Site(s)
Administration (Public Works Director's Office) - DPW	ROB
Army Family Housing (On-Post) - DPW	Smith Bks
Army Housing Services Office (Off-Post) - DPW	Smith Bks, Germersheim
Building Operations, Maintenance, and Repair (Service Order) Services - DPW	Sembach, Smith Bks, Kleber Kaserne, Daenner Kaserne, Pulaski Bks, ROB, Miesau Army Depot, Panzer Kaserne
Custodial Services - DPW (Rhine Ordnance Barracks, Bldg 164)	Sembach, Smith Bks, Kleber Kaserne, Daenner Kaserne, Pulaski Bks, ROB, Miesau Army Depot, Panzer Kaserne
Environmental Management Services - DPW (Rhine Ordnance Barracks, Bldg 164)	ROB
Master Planning and Real Estate Services - DPW (Rhine Ordnance Barracks Bldg 164)	ROB
Pest Management Services - DPW	Sembach, Smith Bks, Kleber Kaserne, Daenner Kaserne, Pulaski Bks, ROB, Miesau Army Depot, Panzer Kaserne
Planning, Design, and Construction (Work Order, DA Form 4283) Services - DPW	Sembach, Smith Bks, Kleber Kaserne, Daenner Kaserne, Pulaski Bks, ROB, Miesau Army Depot, Panzer Kaserne
Recycling Services - DPW	Sembach, Smith Bks, Kleber Kaserne, Daenner Kaserne, Pulaski Bks, ROB, Miesau Army Depot, Panzer Kaserne
Roads and Grounds Services - DPW	Sembach, Smith Bks, Kleber Kaserne, Daenner Kaserne, Pulaski Bks, ROB, Miesau Army Depot, Panzer Kaserne
Self Help Store Services - DPW (Rhine Ordnance Barracks, Bldg 335; Smith Barracks, Bldg 8218)	Smith Bks, ROB
Solid Waste Removal Services - DPW	Sembach, Smith Bks, Kleber Kaserne, Daenner Kaserne, Pulaski Bks, ROB, Miesau Army Depot, Panzer Kaserne
Transient Billeting Services - DPW (Kleber Kaserne, Bldg 3213)	Landstuhl, Smith Bks, Kleber Kaserne, ROB, Sembach
Unaccompanied Personnel Housing (UPH - Barracks) Services - DPW	Landstuhl, Smith Bks, Kleber Kaserne, Daenner Kaserne, ROB, Panzer Kaserne




<https://home.army.mil/rheinland-pfalz/>



UNCLASSIFIED






Garrisons Home :: USAG Rheinland-Pfalz

U.S. Army Installation Manage... (US) <https://home.army.mil/rheinland-pfalz/>


MENU   SEARCH 

# U.S. ARMY GARRISON RHEINLAND-PFALZ


Proudly serving Kaiserslautern and Baumholder communities


    

ABOUT CONTACT MY USAG RP UNITS/TENANTS




**PROTECT AGAINST TICKS, MOSQUITOES**  
Keep your family free from pesky pests this summer

 **Commander's Housing Hotline**

 **Housing/Barracks Work Orders**

**TOP LINKS**

 **NEWCOMERS**

Windows taskbar: 1:45 PM 5/30/2019





<https://home.army.mil/rheinland-pfalz/index.php/about/directorates-support-offices/directorate-public-works-dpw>

Garrisons
Directorate of Public Works :: U


UNCLASSIFIED

U.S. Army Installation Manage... (US)
https://home.army.mil/rheinland-pfalz/index.php/about/di

MENU
U.S. ARMY
SEARCH

# U.S. ARMY GARRISON RHEINLAND-PFALZ

Proudly serving Kaiserslautern and Baumholder communities




Home / About / Directorates and Support Offices / Directorate of Public Works

## DIRECTORATE OF PUBLIC WORKS

**MISSION:** To provide safe, clean, comfortable and functional facilities in a clean environment to meet the needs of Soldiers, civilians and family members within U.S. Army Garrison Rheinland-Pfalz.

**GOAL/VISION:** Be the premier DPW within the U.S. Army.


**Commander's Housing Hotline**

Contact this 24/7 hotline to resolve issues that have not been adequately addressed.







# DPW FACMAN FINAL EXAMINATION





1. The Army Regulation for "Army Facilities Management" is...
  - a) 2-21
  - b) 3-24
  - c) 420-1.
  - d) 4-3
2. If a FACMAN has a question about a PWO, they should contact...
  - a) Installation Site Coordinator, first, and then DPW BOID.
  - b) Unit leadership, first, and then DPW Director
  - c) Garrison CSM, first, and then Garrison Commander
  - d) DPW SFE, first, and then the oldest person within DPW
3. Who conducts the ISR-I Inspections?
  - a) Garrison Commander
  - b) DPW Director
  - c) Occupants of Army Real Property.
4. What is the last step of an ISR-I Account Request?
  - a) Send email to [mathias.k.reh.ln@mail.mil](mailto:mathias.k.reh.ln@mail.mil) for Account approval.
  - b) Go for lunch
  - c) Shout: "Yes, I did it"
5. What are ISR-I ratings used for?
  - a) Prioritize projects
  - b) Identify substandard facilities
  - c) Both a) and b).





- 6) What may be used to conduct the ISR-I inspection?
- a) ISR-I Worksheets/Workbooks.
  - b) A napkin to put the Rating green/amber/red on
  - c) Dice
- 7) What would you do if a room needs painting due to normal fair, wear and tear condition of the walls?
- a. Paint yourself
  - b. Place maintenance request using ArMA website to get room painted by DPW (BMC) or contractor (KMC).
  - c. Leave as it is
- 8) Resident lost keys to his/her barracks room, what do you as the FACMAN / Barracks Manager do:
- a. Keep door open so resident has access at all times.
  - b. Place a DMO request.
  - c. Charge occupant for lost key.
  - d. Answer a and b
  - e. Answer b and c.
- 9) What prevents mildew?
- a. Create a subtropical environment in the bathroom
  - b. Don't use the bathroom, use your neighbor bathroom
  - c. Keep windows and the doors closed at all times
  - d. keep bathroom clean and dry. Proper ventilation after every shower.  
(Open windows and doors 10 - 15 minutes).





- 10) When does a location require an appointed and trained Environmental Officer?
- Storage or Use of a Hazardous Material
  - Generation of a Hazardous Waste
  - Otherwise Effects the Environment
  - Any of the Above Activities.
- 11) What are the Final Governing Standards (FGS)?
- Environmental rules based ONLY on United States' requirements
  - Environmental rules based ONLY on Germany's requirements
  - Environmental rules that combine United States and Germany requirements that US forces must follow in Germany.
- 12) True or False: According to the Lawrence Livermore National Laboratory's energy flow charts, losses due to "rejected energy" (e.g. heat losses) amount to approximately 2/3 of all energy consumed in the U.S. annually.
- True.
  - False
- 13) True or False: Exterior shutters on windows (e.g. rolladens) can be requested through a work order and significantly help to keep buildings cool during the summer.
- True.
  - False
- 14) The most efficient unit level FACMAN is synchronized and equipped to relay all unit facility concerns to the DPW staff. (NOT A TRICK QUESTION)
- True.
  - False





# Welcome to TEAM DPW





# Join

# US

## Arbeitsplätze und Ausbildungsplätze verfügbar!

**Die US-Armee stellt  
ortsansässige Bewerber ein:  
[portal.chra.army.mil](https://portal.chra.army.mil)**



**Kontaktinformation (Directorate of Human Resources):**

**[usarmy.rheinland-pfalz.id-europe.mbx.garrison-dhr-actions@army.mil](mailto:usarmy.rheinland-pfalz.id-europe.mbx.garrison-dhr-actions@army.mil)**







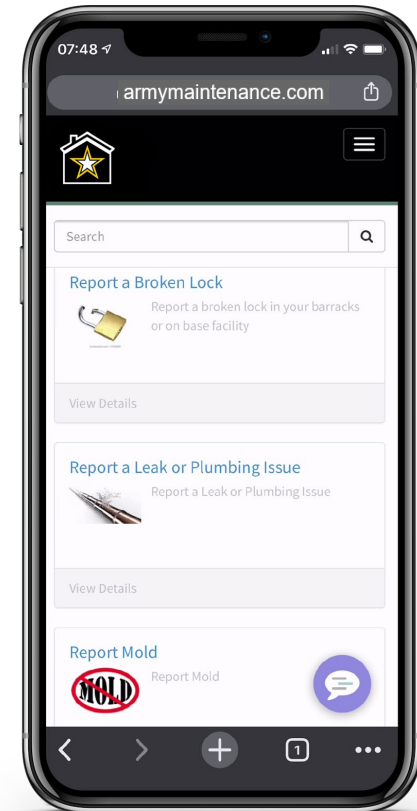
# Back-up Slides





# Army Maintenance Application (ArMA) App

- ✓ Army Maintenance Application (ArMA) is a new system that allows all tenants in **barracks and Army-owned housing** (not privatized housing) to electronically submit and track DMOs to the DPW work order desk.
- ✓ The app can be launched on a computer or smart phone through a publicly available website.





# ArMA Overview

## ✓ ArMA Functions

- Quickly and easily submit housing related questions or issues via a phone or web browser
- Include pictures of the issue
- Check the status of an issue on-line
- Communicates with tenants via email and text
- Submit questions, comments, or responses to the DPW customer service desk
- Automated delivery of customer satisfaction survey upon completion of maintenance orders

## ✓ ArMA Facts

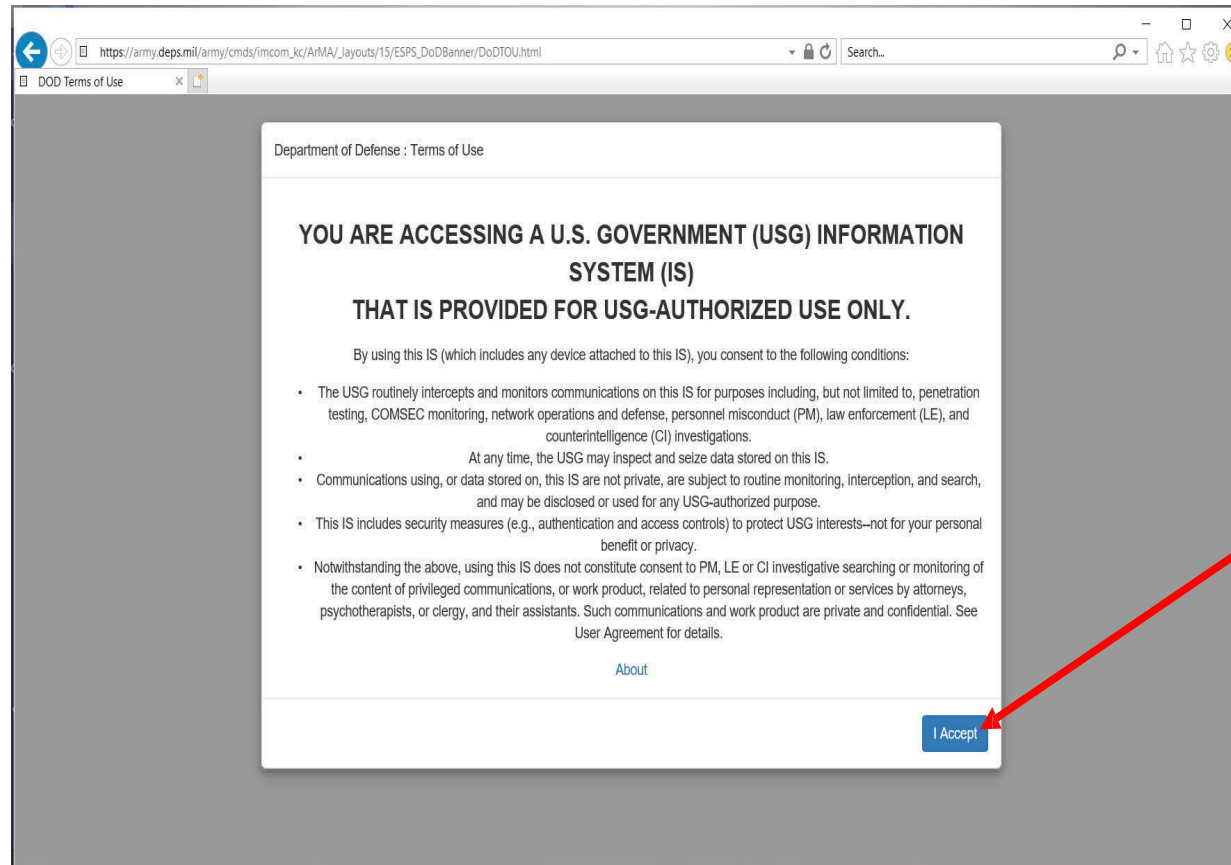
- Self-registration by soldiers and family members with self-identification of installation, building, and unit
- Accounts must be confirmed by a “mail.mil” email address
- Linked within the Digital Garrison App
- Common platform for residents command-wide (ServiceNow)





# ArMA Account Setup Instructions

ArMA Resident Access Site: <https://www.armymaintenance.com>



Click "I Accept".

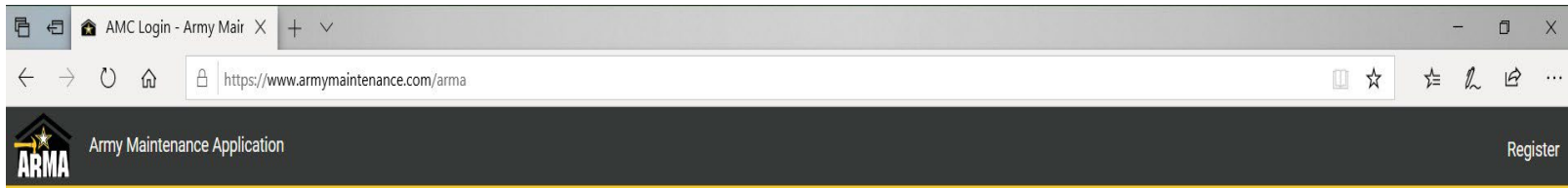
Note: Edge works better than Explorer





# ArMA Account Setup Instructions 2/11

## Account Signup



### Login

User name

susan.m.knox4.civ@mail.mil

Password

.....

Placeholder for DoD required text. Must check this box before login is allowed.

☒ I Agree

[Forgot Password ?](#)

Login

Don't have an account? [Sign up now](#)

Click "Sign up now"  
to create an account.





# ArMA Account Setup Instructions 3/11

## Account Information

← → ↻ 🏠 🔒 https://www.armymaintenance.com/arma?id=csn\_registration

**ArMA** Army Maintenance Application

### Sign Up

All fields are required unless labeled 'Optional'.

Email Address  
 ✓  
Personal or military email address. This will be your system login.

Army Sponsor Email Address  
 ✓  
Service Members and Civilians: Enter your OWIN @mail.mil email address.  
 Dependents: Enter your SPONSOR's @mail.mil email address.  
 Your ArMA account will be created after the sponsor responds to the confirmation email.

First Name  
 ✓

Middle Name (Optional)

Last Name  
 ✓

Fill out contact information (Personal email).

Service members are self sponsored (.mil email).

**ArMA** Army Maintenance Application

✓


Preference for Notification Method  
☒ Email  
☐ Mobile Text  
☐ Both Email and Text

Location  
 ✖ ▼

Unit (Optional)

Password  
 ✓

Confirm Password  
 ✓

☐ I'm not a robot   
reCAPTCHA Privacy - Terms

☐ I agree to the DoD Consent Notice and Privacy Policy

Type in "Baumholder" and scroll to select your building number.

Create your own password.

Complete CAPTCHA, and accept the DoD Consent Notice. Then click "Submit" (Black button at the bottom of the page).

Note: Email Address must be different for the ArMA system to work correctly.

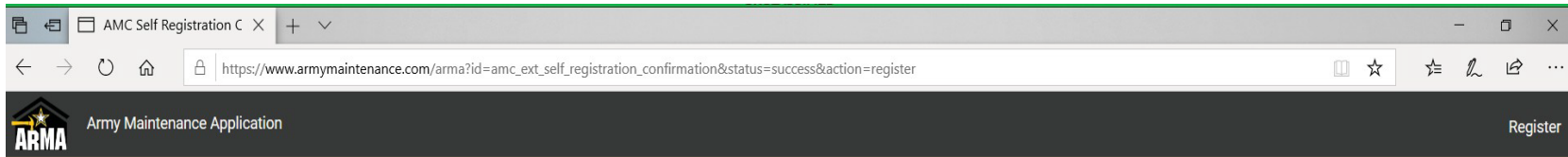






# ArMA Account Setup Instructions 4/11

## Registration Submitted



### Registration Confirmation

#### Thank you for submitting your registration request!

The Military Sponsor you identified will be sent a request to validate your registration via email. They have up to seven (7) days to do this before your registration request expires.

Once validated, you will receive a notification that you can now submit housing requests. In the meantime, if you have any urgent maintenance needs, please call the local DPW office for your Garrison.

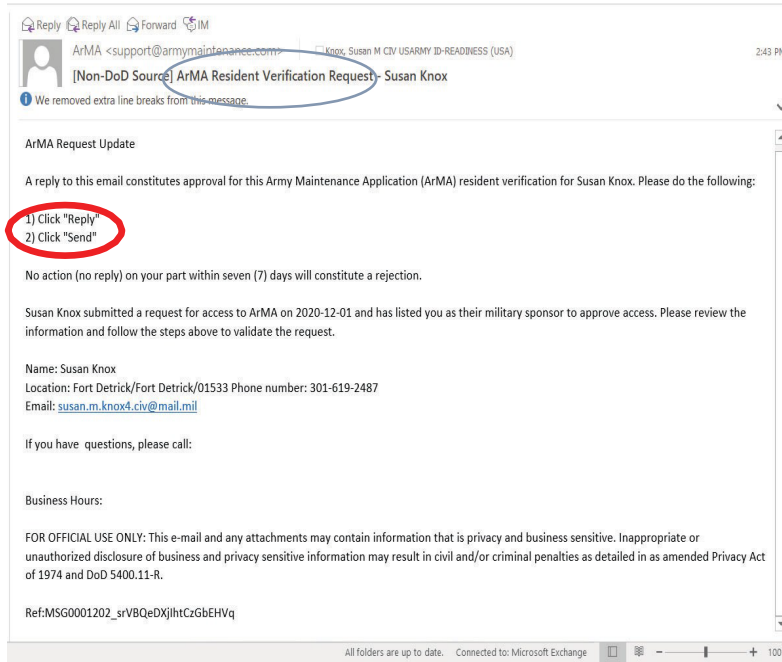
Next actions are via sponsor email.





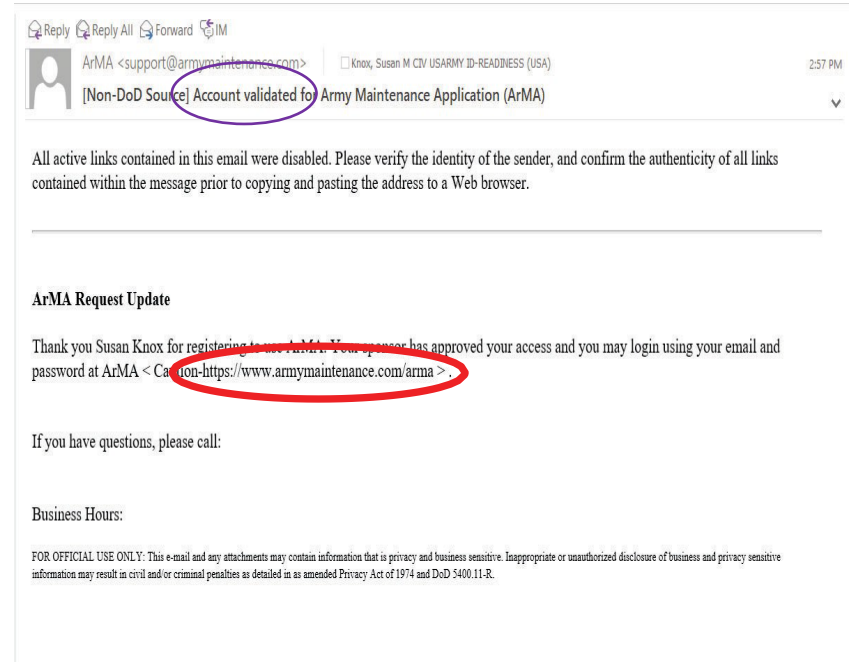
# ArMA Account Setup Instructions 5/11

## Sponsor & Confirmation Emails



**Sponsor must reply to Verification Request email.**

**No written message required.**



**Resident should follow the link in the Validated Account email.**

**(May take 15 Min after sponsor verification).**

