

# U.S. Army Garrison Ansbach Environmental Management System (EMS)



## Awareness Training

# What is EMS?

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- **EMS** is a system that integrates environmental concerns and issues into USAG Ansbach mission planning and execution
- **EMS** addresses the USAG Ansbach organizational structure; planning activities; responsibilities, practices, procedures, and processes; and resources for supporting the USAG Ansbach environmental policy
- **EMS** is a system of continuous improvement according to the following general principles:  

**Identify → Plan → Do → Check → Act**
- The U.S. Army has adopted the **International Organization for Standardization (ISO) 14001 Standard, *Environmental management systems – specifications with guidance for use***, as the EMS model for implementation

# What is EMS?

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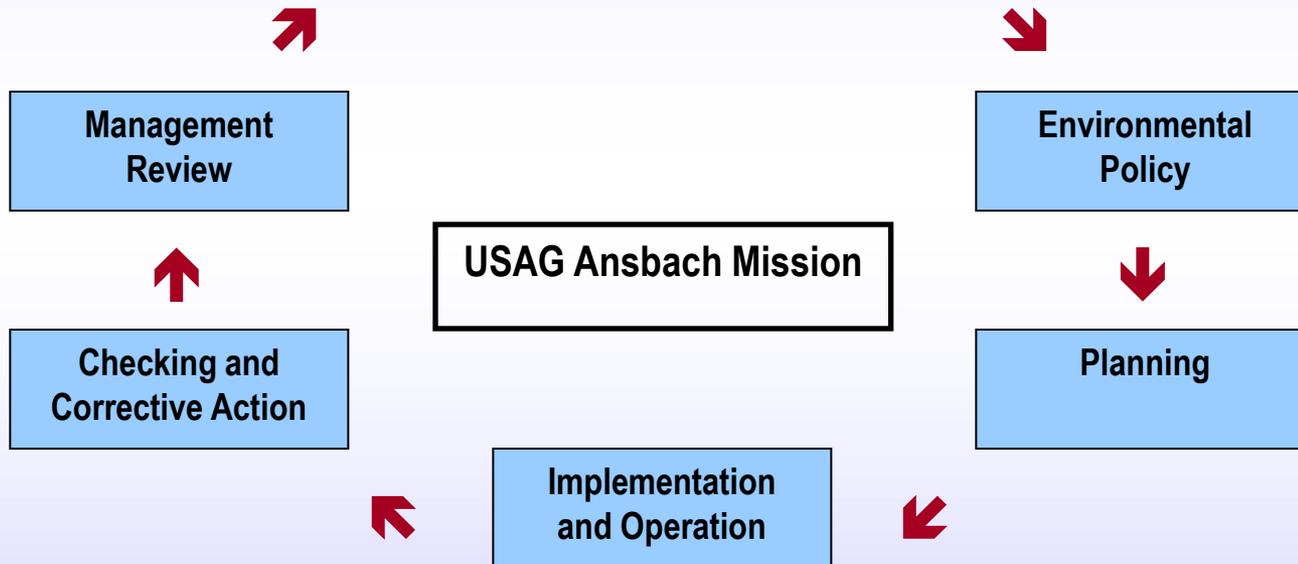
## Environmental Management System



# What is EMS?

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## Continuous Improvement of the USAG Ansbach EMS



# •EMS shall be implemented fence-line to fence-line

includes our :

•Soldiers

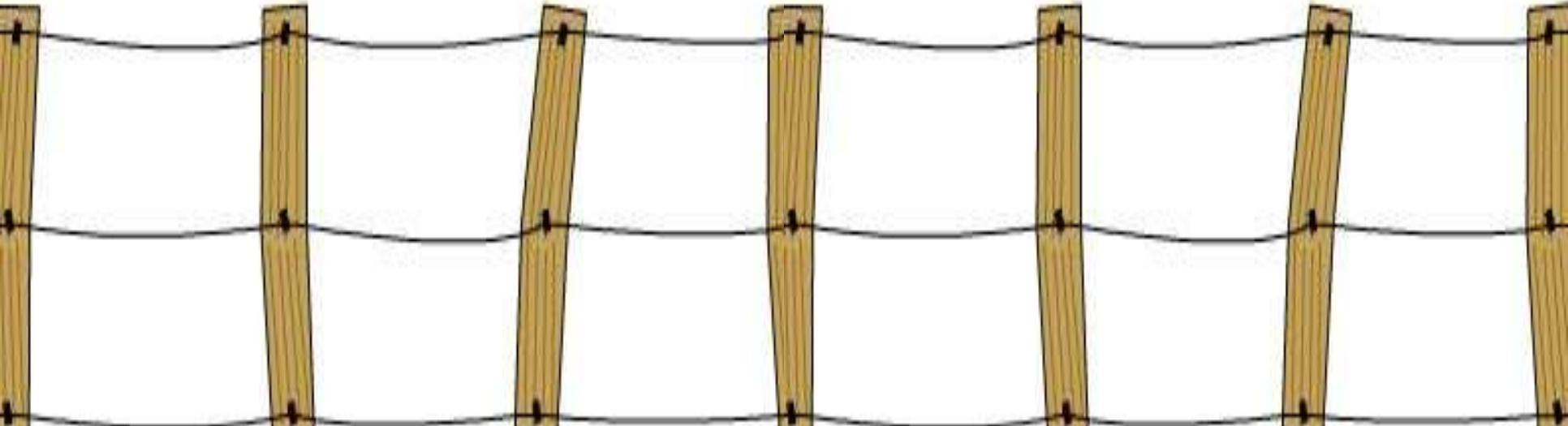
•Tenants

•Families

•Activities

•Contractors

•Products & Services



# Why Implement EMS?

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- **EMS is required** by

**Executive Order (EO) 13514, *Federal Leadership in Environmental, Energy, and Economic Performance*,**

**to be implemented and maintained at each U.S. Federal agency (to include the Department of Defense) , signed 8 October 2009**

# Why Implement EMS?

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- **EMS** allows the USAG Ansbach to achieve and demonstrate sound environmental stewardship by controlling the environmental impacts of USAG Ansbach activities, products, and services
- **EMS** creates consistent processes throughout the USAG Ansbach
- **EMS** reduces USAG Ansbach operating costs
- **EMS** fosters planning rather than reaction
- **EMS** enhances the USAG Ansbach public image
- **EMS** sustains mission readiness

# What is EMS Awareness?

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As a person working for the USAG Ansbach, or working in the footprint of USAG Ansbach, **you must be made aware of the following:**

- The importance of conformity with the USAG Ansbach Environmental Policy and with the USAG Ansbach EMS
- The significant environmental aspects and the related actual or potential environmental impacts associated with your work, and the environmental benefits of improved personal performance
- Your roles and responsibilities in achieving conformity with the requirements of the USAG Ansbach EMS; and
- The potential consequences of departure from specified procedures

# USAG Ansbach Environmental Policy

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The USAG Ansbach maintains a written  
**USAG Ansbach Environmental Policy**

- Originally signed and promulgated by the previous 235<sup>th</sup> BSB Commander (LTC Parker B. Schenecker) on 4 September 2003
- Revised, signed and promulgated by the current USAG Ansbach Commander (COL Benson) on 11 Jul 13
- The USAG Ansbach Environmental Policy conforms to the requirements of the ISO 14001 Standard

# USAG Ansbach Environmental Policy

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- The **USAG Ansbach Environmental Policy** is applicable “to all reserve and active component units, agencies, USAG Ansbach members, and off-post units/agencies utilizing USAG facilities.”
- With this Environmental Policy, the USAG Ansbach commits to:
  - ✓ “Comply with all applicable environmental policies, laws, regulations, and other requirements”
  - ✓ “Continually identify potential sources of pollution and commit to the prevention of pollution to meet or exceed U.S. Army goals.”

# USAG Ansbach Environmental Policy

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- **The USAG Ansbach commits to:**
  - ✓ **“Set objectives and targets to reduce our environmental impacts through our environmental management programs. Review progress toward the environmental objectives and targets annually during the conduct of EMS management reviews.”**
  - ✓ **“Strive to fully integrate relevant environmental considerations into all installation activities, business decisions, and standard work practices and procedures so environmental awareness and compliance are a routing part of the way we conduct business.”**

# USAG Ansbach Environmental Policy

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- The USAG Ansbach commits to:
  - ✓ “Actively pursue continual improvement in organizational environmental management systems”
  - ✓ “Continually measures performance to assess system effectiveness through internal and external environmental assessments”

# EMS Management Representative

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The USAG Ansbach Commander has designated an EMS Management Representative (EMS MR) to provide oversight of the implementation of the USAG Ansbach EMS

**LTC Gamez**

EMS Management Representative (EMS MR)

DSN 467-1560

For the coordination of the implementation and maintenance an EMS Coordinator (EMS Cor) was appointed from the Commander:

**Ms. Gerda Koss**

EMS Coordinator (EMS Cor)

DSN 467-2774

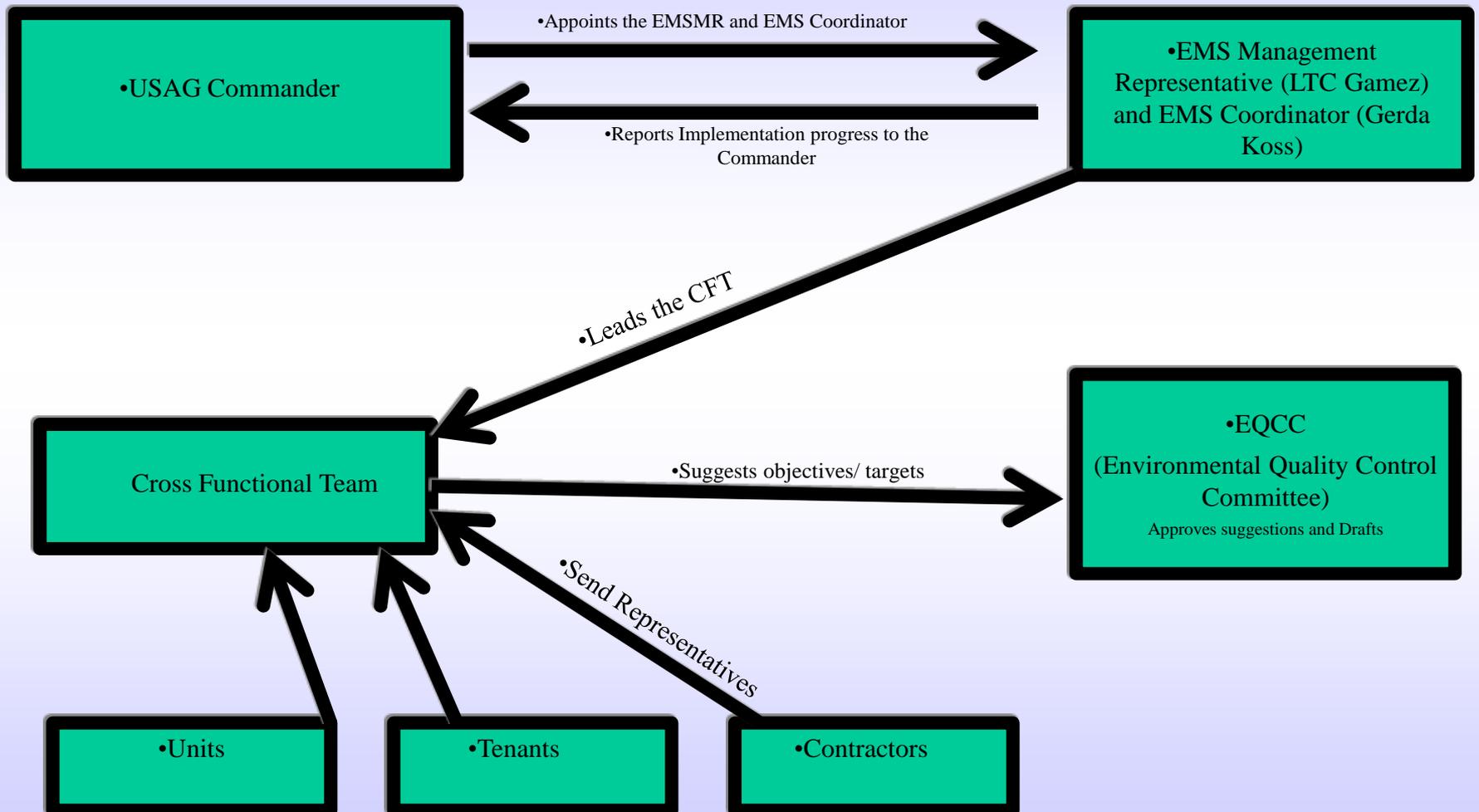
The EMS MR and EMS Cor are the USAG Ansbach individuals to contact should you have questions, comments, or concerns in regard to the USAG EMS

# EMS Cross-functional Team (CFT)

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- The USAG Ansbach Commander has designated an EMS Implementation **Cross-functional Team (CFT)** to actively implement the USAG Ansbach EMS
- EMS CFT includes representatives from across USAG functional areas and directorates and supports the EMSMR and EMSC in accomplishing EMS implementation tasks
- EMS CFT Members are tasked with, or volunteer for, specific responsibilities and coordinate or actively address EMS implementation tasks
- EMS CFT Members are expected to communicate EMS information to/from their respective functional areas and directorates

# USAG Ansbach EMS Organization



# What is an Environmental Aspect/Impact

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An **environmental aspect** is the element of the USAG Ansbach's activities or products or services that can interact with the environment

A **significant environmental aspect** has or can have a **significant environmental impact**.

An **environmental impact** is any change to the environment, whether adverse or beneficial, wholly or partially resulting from the USAG Ansbach environmental aspects

# What is an Environmental Aspect/Impact and an associated Objective?

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<b>Significant Aspect (cause):</b> Generation of hazardous waste	<b>Impact (effect):</b> Disposal of hazardous waste
<b>Objective:</b> Reduce the overall amount of HW generated by 5% in FY10	<b>Exemplary Targets:</b> <ul style="list-style-type: none"><li>• Reduce generation of waste fuel</li><li>• Provide at least 1 training class a year/EO</li><li>• Substitute at least one HM per year with environmentally friendly product</li><li>• Continuously provide awareness training</li></ul>

# Significant Aspects

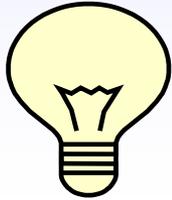
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- USAG Ansbach has identified **12 significant aspects** as part of the EMS implementation process based on:
  - Frequency
  - Environmental Impact
  - Mission Impact
  - Regulatory Impact
  - Community Concerns
- The following have been identified as **significant aspects**:
  1. Soil/GW contamination
  2. **Product Procurement**
  3. **Energy Consumption**
  4. **Water Consumption**
  5. Noise Generation
  6. Fuel Consumption
  7. Air Emissions
  8. Endangered Species
  9. Erosion
  10. Spill to Water/Soil
  11. HW Generation
  12. Solid Waste

# Our Most Significant Aspects

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Energy Consumption



Green Procurement



Water Consumption



# Individual EMS Responsibilities

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What are **your responsibilities** with the USAG Ansbach EMS?

- Be **knowledgeable** of the USAG Ansbach Environmental Policy, adhere to the USAG Ansbach Environmental Policy
- **Share knowledge** of your activity-specific operations and the associated environmental aspects and impacts with USAG Ansbach EMS Implementation CFT members
- Be knowledgeable of the significant environmental aspects and impacts of your activity-specific operations and strive to eliminate / minimize any negative environmental impacts
- **Understand and follow standard procedures** and operational controls that are applicable and appropriate to your activity-specific operations

# Individual EMS Responsibilities

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What are **your responsibilities** with the USAG Ansbach EMS?

- **Inform** your superior(s) of changes in your activity-specific operations that may result in new or changed environmental aspects or impacts
- **Identify** opportunities for improvement to the USAG Ansbach EMS based on your experience with its implementation and share these opportunities with USAG Ansbach EMS Implementation CFT members
- **Educate** those individuals around you about your activity-specific environmental aspects and impacts

# Importance of Conformity

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- It is important for you **to understand** the USAG Ansbach Environmental Policy and for you to **conform** to the USAG Ansbach EMS to demonstrate your individual commitment to environmental stewardship
- It is this commitment of the individual USAG Ansbach community members, in the context of shared environmental values, that makes an EMS an effective process

# Nonconformance

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- **Nonconformance with the USAG Ansbach EMS may result in environmental consequences (e.g., pollution to soil, pollution to groundwater, upset / disturbance of wastewater treatment facilities, unnecessary or unplanned expenditures)**
- **It is important for you to recognize nonconformance with the USAG Ansbach EMS**
- **It is important to report nonconformance to the USAG Ansbach EMSMR to allow for an appropriate review of the nonconformance and for corrective actions to be implemented**

# Conclusion

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- **Everyone** in the USAG Ansbach community is part of, and contributes to the USAG Ansbach EMS
- **Everyone** must work together to ensure the activities, products, and services of the USAG Ansbach do not have negative impacts on the environment
- **Everyone** is responsible for ensuring good environmental stewardship

**Everybody's Management System**