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Preparing Activity: USACE

UNIFIED FACILITIES GUIDE SPECIFICATIONS

References are in agreement with UMRL dated July 2025

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SECTION 01 57 20

TEMPORARY ENVIRONMENTAL CONTROLS (KUNSAN ONLY)  
10/24

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NOTE: This guide specification covers the requirements for environment protection at Kunsan Air Base Area during construction activities.

Adhere to UFC 1-300-02 Unified Facilities Guide Specifications (UFGS) Format Standard when editing this guide specification or preparing new project specification sections. Edit this guide specification for project specific requirements by adding, deleting, or revising text. For bracketed items, choose applicable items(s) or insert appropriate information.

Remove information and requirements not required in respective project, whether or not brackets are present.

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PART 1 GENERAL

1.1 REFERENCES

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NOTE: This paragraph is used to list the publications cited in the text of the guide specification. The publications are referred to in the text by basic designation only and listed in this paragraph by organization, designation, date, and title.

Use the Reference Wizard's Check Reference feature when you add a RID outside of the Section's Reference Article to automatically place the reference in the Reference Article. Also use the Reference Wizard's Check Reference feature to update the issue dates.

References not used in the text will automatically be deleted from this section of the project specification when you choose to reconcile references in the publish print process.

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The publications listed below form a part of this specification to the extent referenced. The publications are referred to within the text by the basic designation only.

***Note: Regardless of the publication years listed below, use the current version of reference standards in effect at commencement of contract.***

U.S. DEPARTMENT OF DEFENSE (DOD)

DoD Instruction 4140.01	(2019) DoD Supply Chain Materiel Management Policy
DoD 4160.21	(2022) Defense Materiel Disposition Manual with Change 4

U.S. AIR FORCE (USAF)

AFI 32-7001	(2019) Environmental Management
AFMAN 32-1053	(2019) Integrated Pest Management Program
DAFMAN 32-7002	(2025) Environmental Compliance and Pollution Prevention
AFMAN 32-7003	(2020) Environmental Conservation
AFJMAN 23-209	(2020) Storage and Handling of Hazardous Materials

U.S. ARMY (DA)

DA AR 200-1	(2007) Environmental Protection and Enhancement
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U.S. Code (USC)

10 USC 2692	Storage, Treatment, and Disposal of Nondefense Toxic and Hazardous Materials
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U.S. FORCES KOREA (USFK)

USFK Manual 4715.05	(2024) Environmental Governing Standards (EGS)
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NATIONAL FIRE PROTECTION ASSOCIATION (NFPA)

NFPA 780	(2026) Standard for the Installation of Lightning Protection Systems
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REPUBLIC OF KOREA (ROK) LAW

AECA Act	(25 March 2025) Korean Atmospheric Environment Conservation Act (AECA), No. 20852
AECA PD	(30 June 2025) Korean Presidential Decree (PD) of AECA, No. 35616

AECA MD

(1 July 2025) Korean Ministry of  
Environment, Ministerial Decree (MD) of  
AECA, No. 1162

UL SOLUTIONS (UL)

UL 142

(2006; Reprint Jan 2021) UL Standard for  
Safety Steel Aboveground Tanks for  
Flammable and Combustible Liquids

UL 2085

(1997; Reprint Sep 2010) Protected  
Aboveground Tanks for Flammable and  
Combustible Liquids

## 1.2 GENERAL REQUIREMENTS

### 1.2.1 Environmental Compliance and Protection of Resources

The Contractor and his agents shall be in compliance with all applicable USFK, ROK and local laws, regulations and US military installation policies and guidance related with the environment and protection of resources.

The Contractor shall minimize any environmental pollution and detrimental impacts that may occur as a result of construction activities performed as part of this contract. Protection of all environmental resources within the project boundaries as well as those that are affected outside the limits of permanent work due to the construction operations of this contract shall be the sole responsibility of the Contractor. The Contractor shall be responsible for any delays or failure to comply with all applicable environmental laws, regulations and facility guidelines.

### 1.2.2 Contract Deviations

Any deviations, requested by the Contractor from the drawings, plans and specifications that may have an environmental impact will be subject to approval by the Contracting Officer and may require an extended review, processing and approval time. The Contracting Officer reserves the right to disapprove any alternate methods, even if they are more cost effective, if the Contracting Officer determines that the proposed alternative will have an adverse impact to the environment or will conflict with an applicable regulation or installation policy.

### 1.2.3 Notification

The Contracting Officer will notify the Contractor in writing of any noncompliance with Air Force Instructions (AFIs), DoD Directives, USFK, ROK and local laws, regulations, and facility guidelines. The Contractor shall, after receipt of such notice, desist from such activities, inform the Contracting Officer of the proposed corrective action and take such action when approved by the Contracting Officer in writing. The Contracting Officer may issue an order stopping all or part of the work until satisfactory corrective action has been taken. No time extensions shall be granted or equitable adjustments allowed to the Contractor for any such suspensions. This is in addition to any other actions the Contracting Officer and other legal entities may take under the contract, or in accordance with governing laws and regulations.

#### 1.2.4 Subcontractors

Compliance with the requirements of this section by the subcontractors or any other agents of the Contractor shall be the sole responsibility of the Contractor.

#### 1.2.5 Areas of Activity and Contractor Facilities

The Contractor shall confine all activities only to areas defined in the drawings and specifications. The Contractor's field offices, staging areas, stockpiles, storage, and temporary buildings shall be located in approved areas designated on the drawings or as directed by the Contracting Officer. Temporary movement or relocation of Contractor facilities shall be made only with prior approval by the Contracting Officer.

#### 1.2.6 Compliance

No requirement in this section shall be construed as relieving the Contractor of any applicable USFK, ROK and local environmental laws, regulations and installation policy. During construction, the Contractor shall be responsible for identifying, implementing and submitting for approval any additional requirements of the regulating authorities or those need to be included in the EPP.

#### 1.2.7 Payment

No separate payment will be made for work covered under this section. The Contractor shall be responsible for payment of fees associated with environmental permits, applications, and/or notices obtained by the Contractor. The Contractor shall be responsible for payment of all fines, fees and mitigation costs for violation or non-compliance with any USFK, ROK and local environmental laws, regulations and facility guidelines. The Contractor is responsible for any costs associated with time delays to the project resulting from delayed permitting or environmental non-compliance.

#### 1.3 SUBMITTALS

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**NOTE:** Review submittal description (SD) definitions in Section 01 33 00 SUBMITTAL PROCEDURES and edit the following list to reflect only the submittals required for the project.

The Guide Specification technical editors have designated those items that require Government approval, due to their complexity or criticality, with a "G." Generally, other submittal items can be reviewed by the Contractor's Quality Control System. Only add a "G" to an item, if the submittal is sufficiently important or complex in context of the project.

For submittals requiring Government approval on Army projects, a code of up to three characters within the submittal tags may be used following the "G" designation to indicate the approving authority. Codes for Army projects using the Resident

Management System (RMS) are: "AE" for Architect-Engineer; "DO" for District Office (Engineering Division or other organization in the District Office); "AO" for Area Office; "RO" for Resident Office; and "PO" for Project Office. Codes following the "G" typically are not used for Navy, Air Force, and NASA projects.

Choose the first bracketed item for Navy, Air Force and NASA projects, or choose the second bracketed item for Army projects.

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Government approval is required for submittals with a "G" designation; submittals not having a "G" designation are for information only. When used, a designation following the "G" designation identifies the office that will review the submittal for the Government. The following shall be submitted in accordance with Section 01 33 00 SUBMITTAL PROCEDURES:

#### SD-01 Preconstruction Submittals

##### Environmental Protection Plan; G

The comprehensive Environmental Protection Plan shall be submitted for approval to the Government prior to commencing any construction activities or delivery of materials to the site. The Government will evaluate the EPP to determine if the plans, procedures, and staffing proposed by the Contractor are adequate and appropriate to ensure compliance with all applicable USFK, ROK and local laws, regulations and installation policies.

The EPP shall be site specific and of appropriate content to address the conditions of the given work site and project. The EPP shall detail implementation and oversight methods. Where there is a conflict between applicable regulations and policy, this shall be brought to the attention of the Government for resolution.

To satisfy the requirements of this section, five (5) hard copies and five (5) electronic copies of EPP shall be submitted to the Contracting Officer for review, comments and approval. Copies of the Government approved EPP shall be maintained onsite by the Contractor.

##### Erosion Control Plan; G

##### Chemical Hazardous Material Request Authorization; G

#### SD-07 Certificates

##### PCB Free Certification

##### Asbestos Free Certification

##### Lead Free Certification

### 1.4 ENVIRONMENTAL PROTECTION PLAN

#### 1.4.1 Contents

The environmental protection plan shall include, but not be limited to the following along with suitable drawings, tables and illustrations wherever

necessary:

- a. Title page, table of contents;
- b. Contents including name(s) with area of responsibility, phone numbers, e-mail addresses;
- c. Project overview including: project location, project description, and associated graphics;
- d. Environmental protection measures to ensure compliance including:
  - i. Hazardous materials & waste management and minimization to include pesticides, toxics and POLs, inventory of hazardous materials to be used at the site with estimated quantities, hazardous materials usage and hazardous waste generation tracking method, hazardous waste disposition and manifesting, and spill response procedures;
  - ii. Solid waste, construction and demolition waste management and minimization, generation tracking method, disposition;
  - iii. Water usage, wastewater generation and disposal, tracking method, and conservation measures;
  - iv. Storm water pollution prevention that addresses erosion, sediment control, and other nonpoint sources;
  - v. Air emissions - point, area, and mobile, tracking method, minimization methods;
  - vi. Cultural resources, historical and archeological assets;
  - vii. Natural resources, flora and fauna, wetlands;
- e. Credentials and training for each person having responsibility for implementing and oversight of the EPP;
- f. Permits including copies of submittals and correspondence with regulatory authorities, copies of issued permits;
- g. The Spill Control Plan shall meet the requirements of [USFK Manual 4715.05](#).
- h. USFK, ROK and Local pest management record keeping and reporting requirements as well as any additional Installation Project Office specific requirements are the Contractor's responsibility in conformance with [DA AR 200-1](#) Chapter 5-Pest Management, Section 5-4 "Program requirements" or [AFMAN 32-1053](#) Sections 3.4.13 and 3.4.14 for data required to be reported to the Installation.

#### 1.4.2 Quality

Contractor shall reference [USFK Manual 4715.05](#) for environmental quality and Korean atmospheric environment conservation laws ([AECA Act](#), [AECA PD](#) and [AECA MD](#)) for SEPA related work.



PART 2 PRODUCTS (NOT USED)

PART 3 EXECUTION

3.1 ENVIRONMENTAL MANAGEMENT SYSTEM

- a. Contractor shall ensure all workers are familiar with the goals of the Kunsan AB Environmental Management System (EMS) as stated in the installation's Environmental Policy Statement and have an awareness of EMS IAW AFI 32-7001 paragraph 2.33.2.
- b. The Environmental Policy Statement commits the installation 1) to compliance with the requirements of USFK Manual 4715.05 Korea Environmental Governing Standards (KEGS) and other applicable legal and policy requirements; 2) for continued environmental improvement and pollution prevention; 3) to reduce risk from environmental impacts of base activities; and 4) understanding that everyone on the installation is responsible for complying with the environmental regulations.
- c. The Contractor's work under this contract shall conform with all operational controls identified in Kunsan AB EMS and provide monitoring and measurement information necessary for the Government to address environmental performance relative to the goals of the EMS.
- d. Where environmental training is required for contractor employees to complete contract tasks, the Contractor shall provide proof of completion of training to the contracting officer when requested.

3.2 AIR EMISSIONS

3.2.1 Dust Control

The Contractor shall take appropriate measures to minimize the generation of dust as a result of their works, operations and activities IAW USFK Manual 4715.05 KEGS Enclosure C, Table C-29 Best Management Practices for Dust Reduction during and after construction until the site is reclaimed. These measures shall include regular and effective treatment of gravel roads and working areas, use of dust extractors on drilling equipment, wet drilling equipment and operation, water sprays on aggregate crushing and screening operation etc. Dump trucks to be used in the transportation of materials are to be fitted with tarpaulins to prevent dust or other material spilling during transportation.

3.2.2 Ozone Depleting Substance (ODS) Control

The Contractor is prohibited from installing any new equipment using Class I & II ODS. The contractor shall not intentionally release any Class I or Class II ODS, HFC, and PFC refrigerant in the course of maintaining, servicing, repairing, or disposing of appliances, industrial process refrigeration units, air conditioning units, or motor vehicle air conditioners.

Contractor shall collect refrigerant from all potential sources, including, but not limited to, air conditioners, refrigerators, freezers, and chillers, found remaining in the work areas prior to commencing removal or demolition. If collection is not possible, all equipment containing chemical refrigerants will be appropriately moved and placed into segregated storage areas for either re-use or recycling.

All repairs or services to appliances, industrial process refrigeration units, air conditioning units, or motor vehicle air conditioners must be performed using commercially available refrigerant recovery/recycling equipment operated by trained personnel. Refrigerant technicians shall be trained in proper recovery/recycling procedures, leak detection, safety, shipping, and disposal in accordance with recognized industry standards or ROK equivalent.

### 3.2.3 Volatile Organic Compound Control

The contractor shall use low concentration volatile organic compound (VOC) materials where possible to reduce/minimize VOC emissions, and maintain fossil fuel burning equipment to reduce nitrogen oxides emissions in an effort to not increase ambient ozone levels.

### 3.2.4 Air Emission Control

The Contractor responsible for installing Stationary Reciprocating Internal Combustion Engines (RICE) must provide Environmental Protection Agency (EPA) certificates as proof of compliance with emission limits outlined in [USFK Manual 4715.05](#).

### 3.3 Stormwater Pollution Prevention Measures

The Contractor shall ensure all workers are familiar with the applicable Stormwater Pollution Prevention Best Management Practices in [USFK Manual 4715.05](#), Enclosure H, Table H-9. Hazardous materials must be stored indoors, in non-rusty drums or under a man-made cover sufficient to provide protection from sun, wind, and precipitation events and painting clean-up materials (thinners, rinsates) must be captured. Oil leaks or spills from all equipment and vehicles must be captured using drip pans. Spill response pads and booms must be available where hazardous materials, including fuel, are stored, used and transferred. Sediment, trash, litter, washwater and any solid objects must be kept out of the stormwater sewers.

### 3.4 Erosion and Sediment Control

The Contractor shall submit an [erosion control plan](#) to 8th Civil Engineering Squadron, Environmental Element for approval prior to any site work. The erosion control plan is required to implement erosion control IAW [USFK Manual 4715.05](#), Kunsan AB Storm Water Pollution Prevention Plan and Kunsan AB Integrated Natural Resources Management Plan, including site stabilization IAW [USFK Manual 4715.05](#), Enclosure B, 1.b. and [AFMAN 32-7003](#), 3.58.5. Key elements to address are the control of dust, prevention of sediment leaving the site and on roads, vegetation cover and slope stabilization. Some examples of control methods include silt fences, terraces, interceptor channels, sediment traps, inlet and outfall protection, diversion channels and sedimentation basins. Any temporary measures shall be removed after the area has been stabilized. 8th Civil Engineering Squadron, Environmental Element will inspect construction sites to ensure the approved erosion control measures are implemented, adequate and effective prior to and during construction. The Contractor shall conduct and document stormwater inspections at least once per week during active construction and within 24 hours following any precipitation event greater than 12.7 mm (0.5 inch). Inspection reports shall be submitted to the 8th Civil Engineering Squadron, Environmental Element upon request.

### 3.5 Hazardous Materials

- a. The Contractor using Hazardous Material (HAZMAT) on base must comply with the authorization procedures IAW [DAFMAN 32-7002](#) Environmental Compliance and Pollution Prevention.
- b. Prior to commencement of the project, the Contractor shall submit the information and AF Form 3952, [Chemical Hazardous Material Request Authorization](#) (including Safety Data Sheets (SDSs), formally known as material safety data sheets, written in English and Hangul) to obtain HAZMAT usage approvals from the CE Environmental Office.
- c. The Contractor shall submit a current monthly quantitative and qualitative inventory of all HAZMAT brought onto the installation to Environmental Office beginning within 5 days after the first HAZMAT are delivered. The monthly inventory must include the following: name of HAZMAT and a common name, if applicable; major use of HAZMAT (paint, lubricant, adhesive, etc.); quantity (number of containers and volume of each container); and verification that the shelf-life has not expired. The approved AF Form 3952 and SDSs for all HAZMATs must be on file near the HAZMAT storage area.
- d. After the contracted work is completed and before contract closeout, the Contractor must remove all HAZMAT from installation and arrange a final environmental site-visit so 8th Civil Engineering Squadron, Environmental Element personnel can inspect the area for HAZMAT spills or solid waste violations.
- e. The Contractor is required to store HAZMAT in accordance with requirements in the Enclosure I of [USFK Manual 4715.05](#) and other DoD Component policies including the Joint Service Publication on Storage and Handling of Hazardous Materials and [AFJMAN 23-209](#).
- f. Common storage requirements include keeping the storage area neat and orderly and ensuring incompatible materials (for example, flammables and oxidizers) are not stored together. All HAZMATs must be stored in a locked enclosure with a current inventory posted nearby.
- g. A sign with emergency response actions in English and Korean (Hangul) must be posted where HAZMAT is stored. Containers of hazardous materials must be legibly labeled and closed when not in use.
- h. Appropriate spill kits and fire extinguishers must be located near the hazardous materials storage areas.

### 3.6 Disposal of Hazardous Waste

The Contractors are prohibited by [10 USC 2692](#) from storage, treatment, or disposal of any contractor owned hazardous waste (HW) on the installation. Contractors may seek approval from the HW Program Manager, 8th Civil Engineering Squadron, Environmental Element, for HW accumulation at a hazardous waste accumulation point (HWAP) on the installation if the waste will be or has been generated on-site in connection with a contract activity. When the contractor obtains approval for a HWAP on the installation, he/she shall:

- a. Be responsible for ensuring compliance with all US Air Force, [USFK Manual 4715.05](#), and host nation HW laws and regulation.

- b. Ensure hazardous wastes are managed and transported IAW [USFK Manual 4715.05](#) and local requirements to a certified disposal facility.
- c. Ensure proper labeling, handling, segregation, collection and accumulation of HW IAW Hazardous Waste Management Plan of Kunsan Air Base.
- d. Ensure all personnel are properly trained for handling the HW they generate.
- e. Provide proper documentation for HW disposal to the installation Environmental Office.

#### 3.6.1 Disposal of Waste Asbestos Containing Materials (ACM)

- a. Asbestos such as friable/non-friable will be disposed of in accordance with [USFK Manual 4715.05](#), including adequately wetted, sealed in leak-proof container and properly disposed through a licensed Designated Waste Disposal contractor.
- b. All asbestos and asbestos-contaminated materials will be collected and placed in double-sealed impermeable 0.15 millimeter (6 MIL, 0.006 inch) plastic bags with duct tape. Asbestos containers shall be labeled in both English and Korean language "DANGER - CONTAINS ASBESTOS FIBERS - AVOID CREATING DUST - CANCER AND LUNG DISEASE HAZARD."
- c. The contractor shall submit records of disposal at the licensed Korean disposal facility to the Environmental Office through the Contracting Office for review and records. In addition, the contractor who perform asbestos abatement/removal activities shall submit documentation (e.g., Summary of the abatement/removal project, List of abatement workers and their certification information, Clearance testing results, Waste manifest records) to the Environmental Office.

#### 3.6.2 Disposal of Electric Light Fixtures, Ballasts and Polychlorinated Biphenyls (PCBs) Transformers

- a. The Contractor shall segregate the light bulbs and ballasts by brand and type. Florescent lights containing mercury shall be disposed of in accordance with [USFK Manual 4715.05](#) and local environmental law.
- b. Removed PCB containing equipment shall be turned in to the Kunsan AB Hazardous Waste Storage Area (Bldg 843). The contractor shall comply with UN Standards for Performance Oriented Packaging (POP) and any additional requirements established by DLA. For example; PCB Transformers shall be set on a drip pan large enough to hold 125% of the remaining liquid and crated by processed wood packaging materials IAW [DoD Instruction 4140.01](#).
- c. Disposal of PCB items shall only be conducted through the servicing DLA IAW [DoD 4160.21](#). Disposal of PCBs within Korea requires coordination with and concurrence of appropriate Korean authorities.

#### 3.6.3 Disposal of Construction and Demolition Debris

All construction and demolition (C&D) debris will be disposed of or

recycled in accordance with [USFK Manual 4715.05](#) at licensed disposal/recycling facilities. The contractor shall be responsible for all disposal costs of any C&D debris left on the base at completion of a project.

For each project, the Contractor shall report the metrics for construction and demolition materials, including the total metric tons removed from the base, cost and the total metric tons deposited in a landfill, incinerated, or recycled. The contractor shall submit to the project COR and the Qualified Recycling Program (QRP) Manager in the Environmental Office at DSN 782-3704 or 063-470-3704, legible copies, including English translation, of delivery weight tickets at a landfill or incineration facility to show the total metric tons of all debris legally land-filled or incinerated in accordance with all applicable regulations.

### 3.7 HISTORICAL & ARCHEOLOGICAL FINDS

All items having any apparent historical or archeological interest, which are discovered in the course of any construction activity shall be carefully preserved and reported to the Environmental Office through the Contracting Officer as required by [AFMAN 32-7003](#) paragraph 2.6.1.4.

### 3.8 NATURAL RESOURCES

The Contractor shall perform all work and take such steps required to minimize interference with or disturbances to flora and fauna IAW [AFMAN 32-7003](#) Section 3G Threatened and Endangered Species Management. Protected species, which include the Narrow-mouthed Frog and the Korean Golden Frog, are present on Kunsan AB. If trees and bushes interfere with the construction work and need to be relocated or removed, consult with the installation Environmental office for proper clearance prior to relocating or removing. Coordinate with base environmental to review most current Integrated Natural Resource Management Plan for identification of potential endangered or protected species.

### 3.9 POLYCHLORINATED BIPHENYLS (PCB) COMBINE W/ PREVIOUS STATEMENTS

The Contractor is required to assure that all electrical equipment including, but not limited to transformers, capacitors, circuit breakers, reclosers, voltage regulators, switches, electromagnets, and cable, shall be PCB free or not be contaminated with PCBs in detectable concentrations in accordance with [USFK Manual 4715.05](#). In addition, newly procured transformers and equipment shall have permanent labels affixed stating they are PCB free (no detectable PCBs). The contractor shall submit [PCB Free certification](#) prepared by the manufacturer for the equipment installed under the project to the Kunsan AB Environmental Office.

### 3.10 ASBESTOS

The Contractor is required to use "asbestos free" materials (less than 0.1 percent by weight) during the execution of this project. The Contractor shall provide [asbestos free certification](#) or SDS, written in English, from the manufacturer verifying the product is asbestos free.

If contractor work is in close proximity to known asbestos-containing material (ACM), the contractor should avoid creating dust from the material, causing fibers to become airborne. If suspected ACM is discovered, the Contractor shall cease work in the affected area and notify the Contracting Officer. The work area shall be evaluated/surveyed

for ACM risk and exposure hazards prior to work recommencing. All identified ACM hazards are required to be removed or controlled in accordance with [USFK Manual 4715.05](#). If ACM sampling or surveying is necessary, the contractor shall provide the survey report and asbestos removal documentation to the installation Environmental Office.

### 3.11 LEAD BASED PAINT

The Contractor is required to use "lead free" coatings (liquid paints or coatings with less than 0.5 percent lead by weight of the non-volatile solids) during project execution. The Contractor shall provide [lead free certification](#) or SDS, written in English, from the manufacturer showing the product is lead free.

### 3.12 SPILL PREVENTION AND RESPONSE PLANNING

- a. In the event of a fuel or other hazardous substance spill during the performance of this contract, the Contractor shall be responsible for its containment, clean up, and related disposal costs. Maximum effort must be made to keep the spill from reaching the storm water or sanitary sewers and the contractor must have sufficient spill containment supplies readily available on vehicles and/or at the work site to contain any spillage. Refer to the installation Spill Prevention Response Plan (SPRP).
- b. In the event of a Contractor-related release, the Contractor shall immediately notify the Fire Department (911), Environmental Office (DSN 782-6240/3701 or 063-470-6240/3701), and the Contracting Officer and take appropriate actions to correct its cause and prevent future recurrence.
- c. The Contractor will submit a completed spill report within 24 hours to the installation Environmental Office detailing the spill location, type of material and quantity spilled, the cause of the spill and description of the event, whether the spill reached the storm water or sanitary sewer, the containment and cleanup actions and the POC and contact number.

### 3.13 ABOVE GROUND STORAGE TANKS

Any above ground storage tank (AST) allowed on site shall have secondary containment capable of holding the entire volume of the largest single tank plus sufficient freeboard to allow for precipitation and expansion of product. ASTs must be equipped with vent pipes and spill/overflow protection. Contractor shall notify the Environmental Office with the capacity, contents, and a schematic drawing for each AST prior to bringing the tank on the installation. All ASTs shall be installed or erected in accordance with applicable laws and regulations. Drainage of storm water from inside the secondary containment areas shall be controlled by a valve that is locked in the closed position when not in active use. Before draining storm water from secondary containment areas, they shall be inspected for a petroleum sheen or other evidence of contamination. Any contaminated storm water must be captured and cleaned prior to release to the environment. Electrical grounding is required IAW [NFPA 780](#) code. The Contractor shall visually inspect ASTs each work day for leaks. The Contractor shall maintain monthly documented inspection logs for each AST. Logs shall include inspection dates, findings, corrective actions, and responsible personnel. Copies of logs shall be made available to the 8th Civil Engineering Squadron, Environmental Element upon request.

All ASTs shall comply with applicable design and construction standards, including [UL 142](#) or [UL 2085](#), where applicable.

### 3.14 CONTAMINATED SOIL CONTROL

The contractor shall dispose of all contaminated soil generated by contract activities at the contractor's expense in strict accordance with [USFK Manual 4715.05](#), Korean Waste Management Act, Korean Soil Environmental Preservation Act in Korean Laws and the Kunsan AB Landfarm Management and Operation Plan. The contractor shall place the suspected contaminated soil at the location designated by the Environmental Office and implement best management practices to prevent migration of contaminants until the test result(s) is confirmed. Confirmed POL contaminated soil shall be turned into the Kunsan Landfarm by the contractor for treatment.

The contractor shall not be responsible for the expense of treatment of POL contaminated soil in the Kunsan AB Landfarm if the contaminated soil existed at the work site(s) prior to contractor activities. The contractor will be responsible for proper management of any excavated contaminated soil and transporting it to the Kunsan AB landfarm for treatment. Reimbursement for transporting pre-existing POL contaminated soil and for replacement backfill material shall be negotiated with the contract officer.

### 3.15 CONFLICTS

In case of a conflict or discrepancy between environmental regulations or laws and the contract specifications, the Contractor shall immediately submit the matter in writing to the Contracting Officer for a determination. Without such determination any actions taken shall be at the Contractor's own risk and expense.

-- End of Section --