



US Army Corps  
of Engineers®  
Galveston District

# Further Your Career

## Join the US Army Corps of Engineers Galveston District

### **USACE Vision**

Engineering solutions  
for our Nation's toughest  
challenges.

### **USACE Mission**

Deliver vital public and military engineering  
services; partnering in peace and war to  
strengthen our Nation's security, energize the  
economy and reduce risks from disasters.

### **Galveston Engineering & Construction Division**

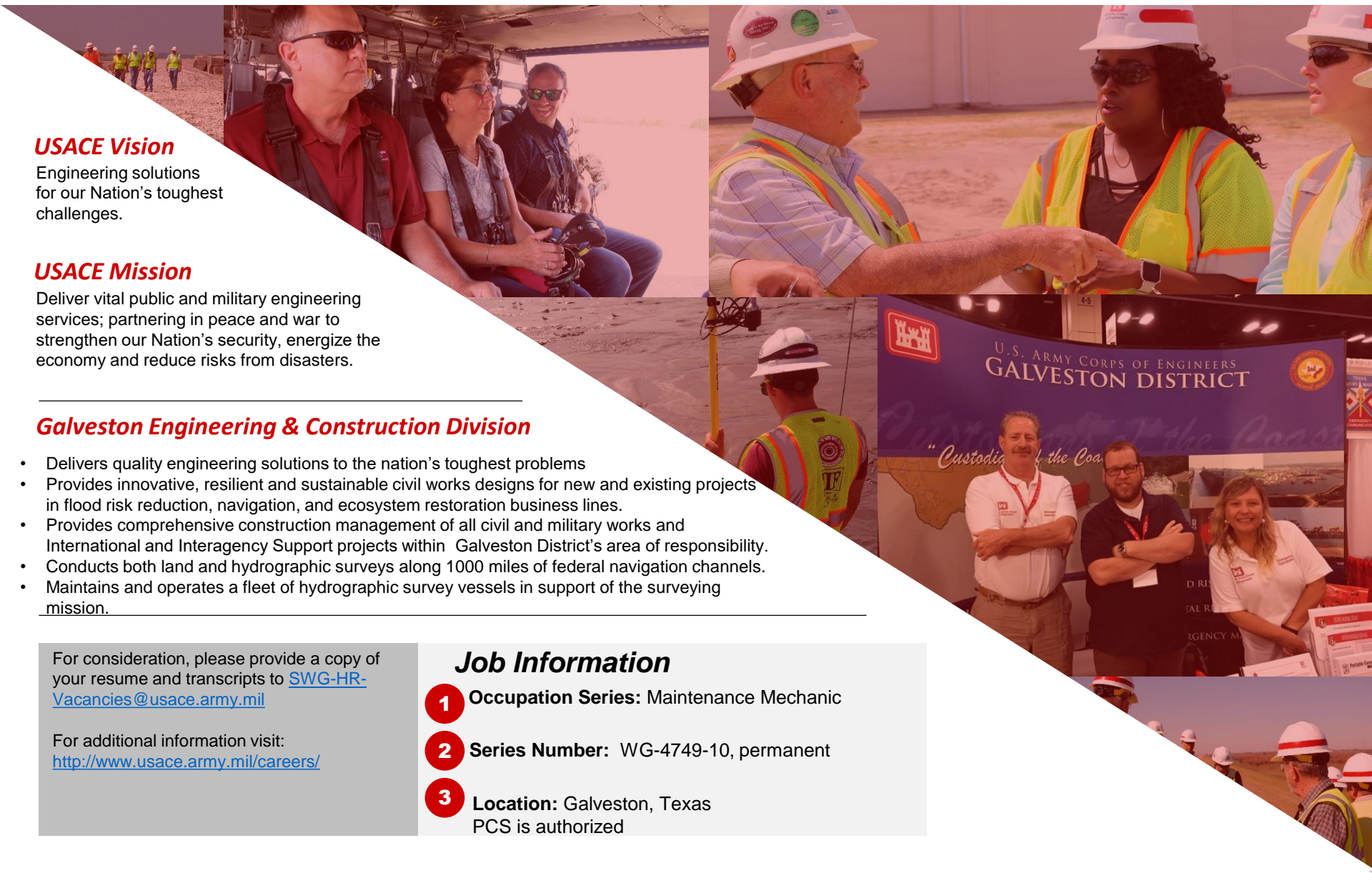
- Delivers quality engineering solutions to the nation's toughest problems
- Provides innovative, resilient and sustainable civil works designs for new and existing projects in flood risk reduction, navigation, and ecosystem restoration business lines.
- Provides comprehensive construction management of all civil and military works and International and Interagency Support projects within Galveston District's area of responsibility.
- Conducts both land and hydrographic surveys along 1000 miles of federal navigation channels.
- Maintains and operates a fleet of hydrographic survey vessels in support of the surveying mission.

For consideration, please provide a copy of  
your resume and transcripts to [SWG-HR-  
Vacancies@usace.army.mil](mailto:SWG-HR-Vacancies@usace.army.mil)

For additional information visit:  
<http://www.usace.army.mil/careers/>

### **Job Information**

- 1 Occupation Series:** Maintenance Mechanic
- 2 Series Number:** WG-4749-10, permanent
- 3 Location:** Galveston, Texas  
PCS is authorized



## **What You Need to Know:**

**About the Position:** This is an Maintenance Mechanic position with the US Army Engineer District, Galveston Engineering & Construction Division, Engineering Branch located in Galveston, TX.

### **Responsibilities**

Performs secondary pipefitting/plumbing, electrical, sheetmetal, cement finishing, and painting duties in all SWG facilities, including field locations.

Installs, repairs, maintains, and tests various types of Lightning Protection Systems (LPS) such as catenary (umbrella), grid with lightning rods, compression connectors, and connections to ground plates.

Installs, modifies, and repairs new and existing high-pressure piping systems and equipment such as steam heating; steam generation; steam generators; flash and expansion banks; condensate, vacuum, and circulation pumps; and radiators.

Installs, modifies, and repairs new and existing utility, supply, and disposal systems and equipment such as sewage, water, oil and gas distribution systems etc.

Works from building plans blueprints, and sketches to play and lay out the routing, placement, slant, slope, fall, and proper operation of systems and equipment.

Installs, modifies, repairs, troubleshoots, tests and loads new and existing electrical lines, circuits, systems, and associated fixtures, controls and equipment

Installs, repairs, or replaces incandescent, high intensity discharge (HID) and fluorescent lighting fixtures.

### **Conditions of Employment**

Appointment may be subject to a suitability or fitness determination, as determined by a completed background investigation.

Employee is required to have his/her name on a call out list and be called back to work during non-duty hours (including weekends) to support emergency situations or make emergency repairs.

Employee will handle hazardous waste and must successfully complete training in hazardous waste management procedures within six (6) months after appointment to this position.

Employee will occasionally be required to work with and around asbestos materials. They will receive asbestos removal training; and be required to take pre-placement, annual and termination medical examinations in accordance with CFR 1910. 1001.

Employee must possess and maintain a valid state driver's license.

There is no specific length of training or experience required. However, you must be able to demonstrate, through experience shown in your written application materials that you possess the sufficient knowledge, skills, and abilities to successfully perform the work of this position without more than normal supervision.

**Minimum Qualifications (Screen Out Element):** Ability to do the work of a(n) Maintenance Mechanic without more than normal supervision. The ability to perform some tasks such as troubleshooting some electrical components, and maintenance and repair of facilities and structures, roads, buildings and grounds. Failure to meet this Screen Out Element will result in an ineligible rating.

Ability To Do The Work Of The Position Without More Than Normal Supervision

ABILITY TO INTERPRET INSTRUCTIONS, SPECIFICATIONS ETC. (INCLUDING BLUEPRINT READING)

Ability To Use and Maintain Tools and Equipment

KNOWLEDGE OF EQUIPMENT ASSEMBLY, INSTALLATION, REPAIR, ETC.

Knowledge of Materials

Technical Practices (theoretical, precise, artistic)

USE OF MEASURING INSTRUMENTS (MECHANICAL, ELECTRICAL, ELECTRONIC, AS APPROPRIATE TO LINE OF WORK)

**Physical Efforts:** Work on ladders, scaffolding, and platforms where systems and equipment are located. Works in hard to reach places, stands, stoops, bends, kneels, climbs, and works in tiring and uncomfortable positions. Frequently handles, lifts, carries, and sets up parts and equipment that weigh up to 45 pounds in the performance of assigned duties. Occasionally lifts and carries items that weigh over 45 pounds with assistance.

**Working Conditions:** Works inside or outside; and subject to heat, cold, and inclement weather. Exposed to dirt, grease, noise, odor, smoke, and fumes. Frequently exposed to the possibility of strains, cuts, scrapes, bruises, burns, and electrical shock. Working conditions are considered in the evaluation of this job.