## William PK Whaley



Work Experience: Plumber Supervisor

US Army Installation Mgmt Command, USA Garrison HI (This is a federal job)

Utilities Branch, SB/FS Plumbing Sec Schofield Barracks, HI

7/01/2019 - Present

Salary:

Hours per week: 40 Series: 4206 Plumbing

Pay Plan: WS - Supervisory Pay Schedules--Federal Wage System

Grade: 10

**Duties, Accomplishments and Related Skills:** 

I have over 24 years of experience with our water system and how it works. I have over 13 years of supervisory experience. I have mentored 6 current Work leaders and 3 current supervisors. I started from the bottom learning how our company operates and how I've seen people come and go, retire and leave for promotions my grass roots and commitment is proven. My strength is getting the jobs done safely and effectively and the passion to mentor and train future leaders.

I currently manage a crew of 22 personal that maintain all plumbing issues at all Army installations on Oahu and supports PTA & KMC on the Big Island. From Water mains to drinking fountains, drain clogs to fire systems, backflows to eye wash stations we do it all. In the absence of leadership, I'm in charge of the OMD utility Branch to include the System Shop (AC & Boiler), High Voltage / Generator Shop and the Water Plant.

I recently delt with the largest water crisis the Islands ever experienced. I'm constantly reviewing new designs for the new systems being installed, supporting with interior and exterior water flushing, overhauling PRV's at Red Hill, backflow cross-connection survey and adapting to the new norm of DOH SOP requirements.

I 'm constantly working on manpower in Plumbing Shop, we never been at full strength, surprisingly this week February 14,2020 is the first time all 23 authorized

positions will be occupied. Submitting Form 13's ahead of time and following up with Admin is critical to stay on top of vacancies and TDA. With privatization falling thru the neglect of our system has been exposed but we continue to make things happen. I've contributed in manning documents that have been approved, it will quadruple our manpower and help us provide quality drinking water to our customers and provide proper maintenance schedule for our water system.

I Work closely with leadership in every shop to coordinate daily projects, safety standdowns and functions (Org. Day, retirement luncheons, offsites etc.) Establishes priorities, schedules, and deadlines on the basis of general policies established by higher levels of supervision.

I developed directives and policies consistent with the Commander's guidance and policies to ensure that mission requirements are met. Some policies and directives may need coordination with higher levels of management prior to issuance.

I explain work requirements, methods, and procedures; instructs subordinates in new procedures; and provides advice when problems arise. Reviews work in progress or on completion.

I investigate work related problems to identify causes; implements those corrective actions that can be taken within the limits of incumbent's authority.

We developed performance standards on subordinate supervisors, counsels subordinate supervisors on performance and makes formal performance appraisals; determines subordinate supervisors training needs; schedules and approves leave of subordinate supervisors, reviews personnel actions and performance appraisals initiated by them.

Reviews job descriptions for currency and accuracy and makes necessary changes; reports detailing of employees to jobs other than their own.

Interviews candidates for vacancies, and makes selections. Counseled employees on problems and adjusts informal complaints through discussions with employees and union representatives. Initiates formal disciplinary action as needed.

Identifies employees' training needs, and initiates recommendations to provide necessary training. Promotes the participation of employees in such programs as the suggestion program, Work-Life Program.

Monitors production reports and records. Within assigned area, assures that equal opportunity programs are implemented and operational to accomplish equal employment opportunity goals in accordance with DA and local policies.

Perform other duties as assigned.

Supervisor: Monte L. Martin

Okay to contact this Supervisor: Yes

Plumber Supervisor
US Army Installation Mgmt.
Command, USA Garrison HI (This is a federal job)

Utilities Branch, SB/FS Plumbing Sec Schofield Barracks, HI

1/01/2015 - 7/01/2019

Salary:

Hours per week: 40 Series: 4206 Plumbing

Pay Plan: WS - Supervisory Pay Schedules--Federal Wage System

**Grade:** 9

## **Duties, Accomplishments and Related Skills:**

As the Plumbing Shop Supervisor for USAG-HI, DPW, OMD, Utilities Branch, I manage and exercise full responsibility for all water distribution system, Fire Protection systems and facility plumbing operations at Schofield Barracks, Fort Shafter, PTA, KMC and other geographical locations under my area of responsibility. In addition, I am selected periodically to assume limited responsibilities for the OMD, Maintenance and Repair Branch and the Utilities Branch supervisors during their absences. I work well with management, co-workers, contractors, other agencies and most of all our customers. I possess the knowledge, skills, and abilities to manage a branch within the organization as I understand the organizational structure, goals and services DPW provides. I have over 22 years of experience in leadership while running multi-trade jobs for previous supervisors and leaders. My strengths I can bring to this position is unique and my background is well rounded and diverse in many trades. I have the experience of accomplishing complex projects successfully. With minimal manpower, aged infrastructure, an influx of new barracks and the addition of South Range, WAAF CAB phase 1 & 2 I have managed to maintain my water distribution system and facility plumbing issues with less; as the manpower is no longer commensurate with the growing area of responsibility.

I manage a current manpower strength of 19 individuals with 1 vacancy and had played an active role in establishing 5 additional positions for the specialized team that performs complete ITM (inspections, testing, and maintenance) of all fire protection systems and backflow preventer devices for both North, South, PTA & KMC. This is a critical concern with LHS (Life, Health and Safety) as these systems have had only minimal maintenance and do not meet the maintenance requirements per NFPA. I am fully engaged in employee mentorship and strive to build leaders in our organization, not just for now, but for the future. I myself, have mentors that support me daily to sharpen my skills as a supervisor so I can perform at my full potential for our organization.

I assign tasks to be performed and explain work requirement, methods and SOP's (Standard Operating Procedures) to mirror company policies, common goals of working safely and ensure employees return home safely to their families each day. I instruct subordinates in new procedures; and provide guidance and advice when problems arise. If a situation is unsafe as a supervisor, I support my staff 100% and shut the job down. As a group, we meet to collaborate engineering controls sometimes just utilizing other trades or complete approved permits and follow check lists to ensure safety protocols are being addressed i.e.: confined space entry. Or I adjust plans to better suit our water system and facilities, working closely with COE, JOC, and other contractors on post to provide an end product that benefits the customers as well as the organization that will maintaining these new utilities or facilities. I consistently submit Facility Engineering Work Requests (FEWRS) as issues arise then prioritize them on the Annual Work Plan (AWP) to ensure funding and work accomplishment. I consolidate work that can be performed simultaneously prioritizing for safety issues and postponing others until funding resources are available.

I mentor my leaders to look outside the box so we can accomplish any task at any hour of the day. I ensure adequate levels of material and availability of stock are on hand to respond to all types of emergencies. I also make sure we have the tools and equipment we have the tools and equipment to get missions accomplished safely and timely.

I work closely with supply branch in ordering large equipment years in advance so that older equipment can be cycled out. Open communication is used to check on orders for tools and materials. Deliveries are coordinated directly to work sites to avoid delay in initial start date or scheduled completion of projects.

My team and I ensure broken or red-tagged equipment is repaired or replaced in a timely manner. I have completed all training required to work directly with property book to turn in equipment.

I review work in progress and coordinate all changes, revisions, etc. with the

appropriate personnel, i.e., COE, DPW Planning, JOC, etc. I enforce all DPW water system standards that we developed AWWA and BWS industry standards to establish a baseline for future projects to eliminate the gray area. I need to take for supervisor's certification for asbestos abatement.

I have full responsibility for employee's performance, evaluations, EEO participation, safety, training needs and personnel action. I recognize the strengths of each employee and value their initiative. I have removed an employee who was on workman's compensation for over a year and could not perform his duties. I provide daily, weekly, and monthly reports and perform other duties as assigned.

Supervisor: Monte L. Martin

**Okay to contact this Supervisor:** Yes

## **Maintenance Mechanic Leader**

US Army Installation Mgmt. Command, USA Garrison HI (This is a federal job)

Directorate of Public Works, Operations and Maintenance Division FS Central Team
Schofield Barracks, HI

8/01/2014 - 1/01/2015

Salary:

Hours per week: 40

Series: 4749 Maintenance Mechanic

Pay Plan: WL - Leader Pay Schedules--Federal Wage System

Grade: 10

## **Duties, Accomplishments and Related Skills:**

I served as a working leader of the Central Team, accomplishing trades a labor work. the highest level of non-supervisory work is lead is Air Conditioning Mechanic (WG-5308-10), Electrician (WG-2805-10) and Sheet Metal Mechanic (WG-3806-10).

I relayed instructions received from supervisor to other workers and started the job by assigning the immediate tasks to be performed by individual members of the group led. I insured those plans, blueprints, materials and tool were available and that stock was drawn from supply sources. I ensured there was sufficient work to keep everyone in the crew busy. I conducted site inspections of work completed and in progress to ensure compliance with supervisor's instructions, sequence, procedures, methods and deadlines. I encouraged employees to follow supervisor' instructions and to meet deadlines and I demonstrated proper work methods. I answered worker's questions regarding procedures, policies, written instructions and other directives. I obtained needed information or decisions from the supervisor on problems that arose during

the work. I served as a Hand Receipt Holder. I provided information to supervisor on job status and progress of work, cause or anticipated delays, and overall work operations. I assured that safety and housekeeping rules were followed. I worked along with other workers setting the pace.

Significant accomplishments included:

Supervisor: Edward Rick

**Okay to contact this Supervisor:** Yes

#### **Plumber Leader**

# US ARMY Garrison HI (This is a federal job)

Directorate of Public Works, Operations and Maintenance Division Plumbing Shop Schofield Barracks, HI

10/01/2009 - 8/01/2014

Salary:

Hours per week: 40 Series: 4206 Plumbing

Pay Plan: WL - Leader Pay Schedules--Federal Wage System

**Grade:** 9

## **Duties, Accomplishments and Related Skills:**

With the exception of the period 9/22/2013-1/20/2014, while I was temporarily promoted to Plumber Supervisor, WS-9.

I served as a technical and administrative leader exercising full leader responsibilities over work operations. I assured that environmental, safety and housekeeping rules were followed.

I provided feedback and input to the shop supervisor on developing performance standards, counseling employees on performance, and formal and informal performance appraisals. I reviewed job descriptions for currency and accuracy and provide feedback and suggestions for necessary changes. I participated on Merit Promotion panels, interviewed candidates for vacancies, and recommend selections. I identified employees training needs, and initiated or made recommendations to provide necessary training. In the absence of the shop supervisor, I scheduled and approved leave for subordinates. I promoted the participation of employees in such programs as the suggestion program and cost reduction. I maintained production reports and records. I assured that equal opportunity programs were implemented and operational to accomplish equal employment opportunity goals in accordance with DA and local policies. Performed other duties as assigned.

Supervisor: Rowland Kauweloa

Retired

**Okay to contact this Supervisor:** Yes

## **Plumber Supervisor**

# US Army Garrison-HI (This is a federal job)

Directorate of Public Works, Operations and Maintenance Division Schofield Barracks, HI

9/01/2013 - 1/01/2014

Salary:

Hours per week: 40 Series: 4206 Plumbing

Pay Plan: WS - Supervisory Pay Schedules--Federal Wage System

**Grade:** 9

This is a time-limited appointment or temporary promotion

**Duties, Accomplishments and Related Skills:** 

I performed full supervisory responsibilities overseeing 13 + subordinates. I worked closely with other shops to maximize an efficient operation while providing support for our customers and their families. I recognized areas within the plumbing shop that are very critical to water quality and life, health, and safety such as fire protection and testing of back flow preventers. I worked well with others and possess the ability to lead larger groups of personnel to serve our customers. I supported the organization by being a panel member, rating and ranking job applicants based on job element criteria for new hires, promotions, and leadership

Supervisor: Monte L. Martin

Okay to contact this Supervisor: Yes

#### Plumber

US Army Garrison-HI (This is a federal job)

Directorate of Public Works, MEO Honolulu, HI

5/01/2007 - 10/01/2009

Salary:

Hours per week: 40 Series: 4206 Plumbing

Pay Plan: WG - Nonsupervisory Pay Schedules--Federal Wage System

**Grade:** 9**Duties, Accomplishments and Related Skills:** I was the Safety Officer for the Fort Shafter Central Team. I inspected facilities observed operations and activities, investigated health and safety complaints and ensured that the organization was in compliance with OSHA regulations. I observed work in progress, ensured that proper safety equipment was worn and procedures were followed. I coordinated and consulted with Division Directors and program managers regarding health and safety issues in their respective areas and notified management staff regarding violations of safety regulations and codes. I made recommendations for corrective action and followed-up to ensure that violations were corrected.

I analyzed hazards and developed ergonomic risk assessments for both public and non-public areas. Developed policies, plans and procedures to minimize risk to the public and employees.

Supervisor: Edward Rick

Okay to contact this Supervisor: Yes

#### Plumber

US Army Garrison-HI (This is a federal job)

Directorate of Public Works Utilities Privatization Div., Utilities Branch SB Wastewater Mains Section Schofield Barracks, HI

11/01/2005 - 5/01/2007

Salary:

Hours per week: 40 Series: 4206 Plumbing

Pay Plan: WG – 4206-09 Nonsupervisory Pay Schedules--Federal Wage System

**Duties, Accomplishments and Related Skills:** 

Independently or as a member of a team, I performed a full range of plumbing duties using a variety of tools and equipment of the trade to perform inspections, scheduled preventive maintenance, repair, renovation, and troubleshoot sewer and water main systems on a recurring basis at Schofield Barracks, Wheeler Army Airfield, Helemano Reservation, Waianae Rest Camp, Kahuku training area and assist as needed at Fort Shafter, Tripler Army Medical Center, Aliamanu Military Reservation and Fort DeRussy. Digging trenches, un-clogging, removing, repairing, modifying, fabricating, replacing, assembling, laying or hanging pipe - primarily working with sections of sewer lines from 1-1/4 to 12 inches and water lines from 3/8 - 24-inch water mains, both high and low water pressure systems with a variety size of valves. Obtain materials such as stainless-steel clamps, mechanical joint fittings, romac clamps, Smith and Blair

clamps in preparation for all types of breaks and OD sizes for numerous types of pipes (Ductile, Transite, PVC, etc.). Follow proper procedures pertaining to the SOP.

**Supervisor: Michael Medeiros (Deceased)** 

### **Maintenance Mechanic**

# US Army Garrison-HI (This is a federal job)

Directorate of Public Works Schofield Barracks Central Team Schofield Barracks, HI

3/01/2005 - 11/01/2005

Salary:

Hours per week: 40

**Series:** 4749 Maintenance Mechanic

Pay Plan: WG - Nonsupervisory Pay Schedules--Federal Wage System

**Grade:** 7

**Duties, Accomplishments and Related Skills:** 

Supported every trade from masons, plumbers, carpenters, painters, roofers and sheet metal shop. Leadership was very confident in me to handle any tasking with no supervision. I supported with safety training, ECO, ordering supplies & tools, I did everything to make my journeymen's, leaders and supervisors easier so they can handle more important issues.

Supervisor: Alfonse Domingo (Deceased)

#### **Plumber Worker**

Department of Navy, Pearl Harbor Naval Shipyard (This is a federal job)

Intermediate Maintenance Facility Honolulu, HI

10/01/2002 - 3/01/2005

Salary:

Hours per week: 40
Series: 4206 Plumbins

Series: 4206 Plumbing

Pay Plan: WG - Nonsupervisory Pay Schedules--Federal Wage System

Grade: 7

**Duties, Accomplishments and Related Skills:** 

As a Lead Plumber, I independently or as a team member, performed interior and exterior new construction, repair or complete renovation of kitchens and baths, rerouted and installed electrical fixtures from the bare foundation, installed power fixtures, pulled wire, bend conduit, installed breakers, j-boxes, outlets, switches, and light fixtures, roughed in cabinetry and woodwork for installation of major appliances, water heaters, dishwashers, disposals, vent hoods, re-routed new or existing pipes or replaced, bent, cut, and installed plumbing fixtures, traps, faucets, drains, sinks, bathtubs, toilets, showers and handicap sinks, toilets, rails, partitions, ramps as applicable, applied floor covering, tile, vinyl, prepared surfaces, frames, drywall, primed and painted surfaces, installed doors, hinges, locks, closures, and windows, installed fire sprinklers. Re-routed water and sewer lines, cut concrete, installed fire sprinkler systems, irrigation and landscaping, installed valves, regulators and station timers. Installed air handlers, eyewashes, and raised flooring in computer rooms. Assisted journeyman electrician with main power hookup to elevator in dry dock. Utilized a complete range of tools and test equipment common to the various trades.

**Supervisor:** Robert Davis **Okay to contact this Supervisor:** Yes

# Plumber Worker US Army Hawaii (This is a federal job)

Directorate of Public Works, Plumbing Shop Schofield Barracks, HI

12/01/2001 - 10/01/2002

Salary:

Hours per week: 40 Series: 4206 Plumbing

Pay Plan: WG - Nonsupervisory Pay Schedules--Federal Wage System

**Grade:** 7

This is a time-limited appointment or temporary promotion

## **Duties, Accomplishments and Related Skills:**

Independently perform a variety of plumber worker tasks similar to those described below as a plumber helper. Troubleshoot sewer and watermain systems on a recurring basis, digging trenches, unclogging, removing, repairing, replacing, assembling, laying or hanging pipe - primarily working with sections of sewer lines from 1-1/4 to 8 inches and water lines from 3/8 - 12 inches, and a variety of sized valves. Troubleshoot, obtain materials, measure, cut, bend, thread, and install same. Isolate problem areas, turn off valves, and restore services to areas that are not affected by the problem.

Utilize common tools of the trade to include operating the sewer truck and snake machines with cable up to 3/4 inch. Perform other duties as assigned.

Supervisor: Brian Sanchez (Deceased) (0000000000)

# **Plumber Helper**

## US Army Garrison-HI (This is a federal job)

Directorate of Public Works, Plumbing Shop Schofield Barracks, HI

4/01/2001 - 12/01/2001

Salary:

Hours per week: 58 Series: 4206 Plumbing

Pay Plan: WG - Nonsupervisory Pay Schedules--Federal Wage System

**Grade:** 5

This is a time-limited appointment or temporary promotion

**Duties, Accomplishments and Related Skills:** 

# We maintained all the housing and worked countless hours trying to keep up with backlog to service our customers.

Performed a variety of plumber helper tasks and assisted journeyman plumbers in repairing and maintaining plumbing systems I checked and tested for leaks and proper operation. I did other duties as assigned.

**Supervisor:** Brian Sanchez (Deceased) (0000000000)

Iron Worker Steel Erectors

Seasonal/On-Call Employment Pahoa, HI

11/01/2000 - 4/01/2021

Salary:

Hours per week: 40

# **Duties, Accomplishments and Related Skills:**

I built package and custom metal buildings from the ground up from layout to finish work I erected metal structures using pre-fabricated materials from start to finish. Used common tools of the trade, torch, welder, riveter, safety harnesses and lines.

Operated snorkel lifts, Scissors lifts, fork lifts, skid steer, Back hoe and Gradall

telehandler

Supervisor: Richard Jones

Okay to contact this Supervisor: Yes

Fence Man Laborer David's Fencing Inc.

Leokane Street Waipahu, HI

4/01/1999 - 11/01/2000

Salary:

Hours per week: 40

**Duties, Accomplishments and Related Skills:** 

Complete installation of all fencing. Chain link, Vinyl, redwood and temporary panels. Hang and fabricate all types of gates. Repair all types of fences and gates. Operated drill rig, bob cat, skid steer and back hoe.

Supervisor: David Abelanida

**Okay to contact this Supervisor:** Yes

**Maintenance Mechanic** 

US Army Garrison-HI (This is a federal job)

Directorate of Public Works Pohakuloa Training Area Hilo, HI

11/01/1996 - 11/01/1998

Salary:

Hours per week: 40

**Series:** 4749 Maintenance Mechanic

Pay Plan: WG - Nonsupervisory Pay Schedules--Federal Wage System

**Grade:** 9

This is a time-limited appointment or temporary promotion

## **Duties, Accomplishments and Related Skills:**

Performed a full range of preventive maintenance mechanic duties using necessary tools and equipment of the trade to perform inspections, scheduled preventive maintenance, repair, renovation, and new construction of structures. Maintained and performed full operation of the vehicle wash facility during established operating hours. Troubleshoot and repair buildings, plumbing, minor electrical, vehicle wash

facility, greywater latrines/shower facilities, water treatment plant, utility systems, kitchen equipment, roads and grounds. Team member in the new construction of two complete female latrine facilities to include installation of all new hardware and plumbing fixtures. Repaired broken water mains, dug trenches, replaced pipe, installed tees, elbows, and fittings, clean springs, intake sumps and inspected waterline leading to spring on the top of Mauna Kea

**Supervisor:** Gilbert Kahele (Deceased)

## **Painter Helper**

US Army Garrison-HI (This is a federal job)

Directorate of Public Works Pohakuloa Training Area Hilo, HI

6/01/1996 - 9/01/1996

Salary:

Hours per week: 40 Series: 4102 Painting

Pay Plan: WG - Nonsupervisory Pay Schedules--Federal Wage System

Grade: 3

This is a time-limited appointment or temporary promotion

## **Duties, Accomplishments and Related Skills:**

Performed a wide variety of painting duties. Using several methods prepared surfaces by high pressure washing, taping, sanding, caulking, chipping, scraping, spackling, priming or wire brushing. Used brushes, rollers, spray guns and Airless or Graco compressed sprayers to apply coats of paint and other coatings to interior and exterior surfaces of buildings, doors, trims, cabinets, boxes, shelves, etc. Thinned, strained and tinted paints and other coatings in accordance with manufacturer specifications. Applied a quality finish coat ensuring all surfaces were fully coated and free from drips, runs and streaks. Used ladders, planks, and drop cloths when necessary to protect work area. Cleaned all tools and equipment, disassembling and reassembling same, in accordance with prescribed methods, commercial standards and manufacturer's specifications using recommended thinners, solvents and cleaning supplies.

**Supervisor:** Gilbert Kahele Deceased **Okay to contact this Supervisor:** Yes

**Education:** 

Campbell High School Ewa Beach, HI United States

High school diploma or equivalent 6 / 1995 **Snow Jr. College** Ephraim, UT United States Professional degree (e.g., MD, JD, DDS) 12 / 1995

### Job Related Training:

**CERTIFICATIONS:** 

- \*\*\*Renewed certification DSO Distribution System Operator Grade 3 (State of Hawaii Board of Certification)
- \*\*Certified Pool Operator Certification (CPO) National Swimming Pool Foundation
- \*Water Treatment Plant Operator Grade 1 (State of HI Board of Certification of Public Water System Operators)
- \*\*\*BLS for Healthcare Providers (CPR & AED) Program
- \*\*Forklift Certification & evaluation CLASS 4, CLASS 5, Class 7 Fork Lift Trucks FEB 13, 2014
- \*Backflow Prevention Testers Certification October 2014 (PAMCAH UA LOCAL 675)
- Obtained DSO Distribution System Operator Grade 1 October 26, 2010 (State of HI Board of Certification)
- \*\*\*J3AZR3E451 01FB, Fire Suppression System Maintenance Course PDS Code 5S5 120 Hours 15 DAYS (CCAF: 5 Hours) 3/20/15 conducted by 782d Training Group, Sheppard AFB, Texas
- \*\*\*Leadership Training CES Intermediate Course Ft. Belvoir, VA. February 28, 2011 to March 19, 2011
- \*Leadership Training CES Basic Course, Ft. Leavenworth, KS September 13-24, 2010
- \*In-house instructor Ives Certified forklift instructor CLASS 4, CLASS 5, Class 7 Fork Lift
- \*\*Fire Protection NFPA 25 hands on Inspection Testing Maintenance Eastern Kentucky University March 6, 2019.
- \*\*\*DPMAP-DOD Performance Management and Appraisal Program 5/15 -5/17

\*\*\*AHERA Asbestos Abatement Refresher Course for Contractors & Supervisors

\*\*Supervisor Development Course: Completes every 3 years

Enrolled to take DSO - Distribution System Operator Grade 4 Exam Governed by State DOH. Not required for our PWS but a huge personal goal for myself.

GCSS-Army Plant Maintenance Overview 8/23/17

Using the End User Manual-Plus (EUM+) Portal 8/23/17

GCSS-Army Overview 8/25/17

GCSS-Army Basic Navigation 8/25/17

GCSS-Army Intermediate Navigation 8/25/17

USE GCSS-Army Reports 8/25/17

Supervisor Development (1-250-C53(DL) 9/3/2015

Confined Space Competent Person Requirements, Standards, Equipment and Guidelines 8/20/2015

AHERA WORKER INITIAL COURSE TSCA Title II, Asbestos

Model Accreditation Plan 7/23/2015

OSHA Compliance 4/20/12 (.6 CEU)

NFPA 25 Training March 28, 2012

NFPA 72 Training March 27, 2012

ALL required GFEBS courses and modules

Supervisor's Safety Course & Test 6/9/2011

DSO review ongoing from (annually from 2010 for CEU's)

Environmental Compliance Officer's Certification Course, DPW, Feb 6-8, 2006, 2007, 2008, 2009, 2010, 2011, 2012- present 2022

Confined Space Equipment Guidelines and Procedures, 1/03/2006, July 20, 2010, purchased all

Fall Protection, 2002, PWC

Respirator Training, 2002, PWC