

Steamfitting-Pipefitter – Subsidiary 4

APS Benchmark Listings

Sub.No.	Benchmark	Department	Working Title Job Title	Know-How				Creativity/ Problem Solving		Responsibility		Total Points
				Prof./ Cont.	Comp. Div.	H.R. Skills	Points	%	Points	Profile	Points	
Steamfitter-Pipefitter (Point Range 192 - 227)												
004	044SF31	Infrastructure	Steamfitter	D	I	1	132	25	33	R1	38	203

Last Review / Update: 2016-03-11

Subsidiary 4 Benchmark Evaluation - 044SF31

Identification Section

Working Title:	Steamfitter
Department:	Infrastructure
Division, Branch/Unit:	Property Management, Southern Region, Sam Livingston Fish Hatchery
Reports To:	Operations Supervisor
Levels to D.M.:	5
Job Description:	044SF31
Minimum Recruitment Standard:	See the Minimum Recruitment Standards for Steamfitter-Pipefitter
Job Code:	044SF - Steamfitter-Pipefitter

Comments on Role

Position performs mechanical maintenance and repair of heating, cooling, gas and plumbing equipment and systems in the Sam Livingston Fish Hatchery and other various buildings in the area. Position also assists with general maintenance activities in Government owned buildings as required.

Evaluation

Knowledge	Creativity / Problem Solving	Responsibility	Total Job Points
DI1 132	25% 33	R1 38	203

Comments on Evaluation

- **Knowledge:**

- **Professional/Content Knowledge:**

- Independently maintains and repairs a wide variety of mechanical equipment and systems. Requires journey level certification in Steamfitting and Gasfitting. Position must have sound knowledge of steam and related mechanical systems and governing safety regulations. The combination of the needed knowledge results in a D rating.

- **Complexity and Diversity:**

- Trade requires an acute awareness of equipment, operations and circumstances in order to maintain safety. A combination of independence, a wide variety of complex mechanical equipment and the necessity to work with other trades areas contributes to its complexity.

- **Human Relations Skill:**

- Communication skills are utilized primarily for exchange of information.

- **Creativity/Problem Solving:**

There is a wide variety of complex mechanical equipment maintained. Position applies judgement to established guidelines, standards and codes.

- **Responsibility:**

Position is focused on maintenance and repair of mechanical building equipment.

Last Reviewed:

Last Review / Update: 2016-03-11

Subsidiary 4 Benchmark Job Description - 044SF31

Identification Section

Working Title:	Steamfitter
Department:	Infrastructure
Division, Branch/Unit:	Property Management, Southern Region, Sam Livingston Fish Hatchery
Reports To:	Operations Supervisor
Levels to D.M.:	5

Purpose

(Brief summary of the job, covering the main responsibilities, the framework within which the job has to operate and the main contribution to the organization.)

The Steamfitter-Pipefitter performs mechanical maintenance and repair of heating, cooling, gas, and plumbing equipment and systems in the Sam Livingston Fish Hatchery and other various buildings in the area. Position also assists with general maintenance activities in Government owned buildings as required.

Responsibilities and Activities

(Purpose of the job can be broken down in different responsibilities and end results. Each end result shows what the job is accountable for, within what framework, and what the added value is.)

- 1. Install, maintain, service and repair a variety of hot water, steam, and glycol heating systems and boilers.**
Provide for the routine and preventative maintenance of boilers and heating systems.

Check tubes, fireside and waterside components.

Flush tubes and drums.

Check refractories, controls, circulating pumps, return pumps, receivers, site glasses, etc. for anomalies.

Test thermocouples, safety valves and perform hydrostatic testing.

2. Perform gasfitting and minor plumbing activities.

Install and maintain gas fired equipment including furnaces, boilers, unit heaters and hot water tanks.

Perform small plumbing repairs and installations.

Test and repair back flow preventers.

3. Work with and assist other trades and building operation staff in general maintenance activities.

Scope

(Illustrates what internal or external areas the job impacts, and the diversity, complexity, and creativity of the job.)

Position independently maintains, services and repairs mechanical equipment and systems at the Sam Livingston Fish Hatchery. Responsibilities require journey level trades certification.

Contacts

(Main contacts of this position and the purpose of those contacts.)

Position will interact with clients and other trades for the purpose of providing or receiving routine information in regards to their needs.

Knowledge, Skills and Abilities

(Most important knowledge factors, skills and abilities including knowledge about practical procedures, specialized techniques, etc.; analytical and conceptual skills and abilities; and skills needed for direct interaction with others not only diplomas and degrees. Specific training if it is an occupational certification/registration required for the job.)

- Requires a sound knowledge of steam and related mechanical systems, and governing safety regulations.
- Requires journeyman level trades certification in Steamfitting and Gasfitting.

Organization

(Working titles of positions reporting directly to this position.)

Position has no supervisory responsibilities.

Last Review / Update: 2016-03-11