

# Job Analysis Form

Alternate Format Available



King County

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## SHORT FORM FOR PRE-EMPLOYMENT PHYSICALS

Physical Required: General physical, Diabetes, BP, Vision, Back strength and lifting, Audiogram and Respirator Questionnaire.

PATIENT NAME: \_\_\_\_\_ JOB TITLE: Fire Investigator I

DEPARTMENT: Sheriff WORK SCHEDULE: Varies

**JOB DESCRIPTION:** Investigating fires to determine their origin and cause, including conducting criminal follow-up investigations for those fires determined to be incendiary.

**WORK ENVIRONMENT:** Work is performed in fire scene settings in all conceivable locations with exposure to dangerous and stressful situations including investigations with suffering victims with serious or fatal injuries. The employee may encounter environmental exposure while on duty indoors, in vehicle or outside. The employee works in all atmospheric conditions such as rain, hail, or snow. Work is performed in disaster fire conditions that may include structurally unsound areas, burn victims and fatalities as well as upset and potentially violent persons. Works in high exposed places such as rooftops and ladders. Works around dust, exhaust, smoke, chemicals, hazardous materials, and bleeding subjects. Exposure to very loud noises such as traffic, emergency sirens, and shouting from people. Exposure to high voltage electrical lines and moving traffic. The noise level is moderately loud to very loud due to emergency equipment (fans, generators, etc.), heavy equipment, and shouting from people.

**ESSENTIAL FUNCTIONS:** Investigates and determines the origin and cause of fires in unincorporated King County, and Incorporated cities having inter-local or mutual aid agreements with King County. Prepares detailed reports for owners, fire departments, other agencies and the King County Prosecutor's Office. Conducts criminal follow-up investigations including detection, apprehension and prosecution of arson suspects. Provides expert testimony in court for both criminal and civil cases. Educates public on fire safety and how to recognize fire hazards; assists with evacuation planning and fire drills; and perform fire extinguisher training. Performs on call standby duties in addition to the standard workweek. Drives a County vehicle when responding to fires.

PHYSICAL DEMAND	HRS PER SHIFT
Standing	10 – 20 minutes
Walking <input checked="" type="checkbox"/> uneven terrain	30 min. – 3 hrs
Sitting	2.5 – 7
Climbing stairs	3 – 25 minutes
Climbing _____	1 – 2 minutes
Balancing	2.5 – 7
Bending/Stooping	1 – 4
Kneeling	1 – 2
Crouching	10 – 30 minutes
Crawling	10 – 30 minutes
Foot controls	2.5 – 5
Reaching above shoulders	10 – 30 minutes
Reaching waist-shoulder	2.5 – 7

PHYSICAL DEMAND	HRS PER SHIFT
Reaching knee-waist	5 – 15 minutes
Reaching floor-knee	1 – 4
Lifting/Carrying 1-10#	1 – 3
Lifting/Carrying 11-20#	10 min. – 3 hrs
Lifting/Carrying 21-50#	5 min. – 1 hr.
Lifting/Carrying 51-100#	30 sec. – 15 min.
Lifting/Carrying 100+#	0 – 5 minutes
Handling	2.5 – 7
Hand Controls	2.5 – 6
Fingering <input type="checkbox"/> keyboarding	2.5 – 7
Vision to assure safety of others	2.5 – 7
Hearing to assure safety of others	2.5 – 7
Other – Pushing/pulling	5 – 15 minutes
Other – Feeling	5 min. – 1 hr.
Other – Talking	2.5 – 7
Other – Tasting/smelling	2.5 – 7

Exposures:

Outside weather

Non-weather related temp below 55°

Non-weather related temp above 75°

Humidity/dampness

Moving mechanical parts

Exposed high places

Vibration

Toxic or caustic chemicals

Confined spaces

Wet  Gasses

Fumes  Odors

Dusts  Mists

Radiation  Explosives

Noise Level \_\_\_\_\_

Other \_\_\_\_\_

Special Requirements:

CDL  Respirator use

I have reviewed the following Job Analysis for the above-named employee.

\_\_\_\_\_  
Physician's Signature

\_\_\_\_\_  
Date