



**MILWAUKEE COUNTY
JOB EVALUATION QUESTIONNAIRE**

This form is designed to assist you in describing your departmental job. You are asked to fill this form out to outline the essential duties and responsibilities; and identify the knowledge, skills and abilities required to successfully perform the job. This form is used to request new job classifications, review current classifications, reclassification, reallocations, and general updates to the job description. **Note:** It is the job that is being evaluated, not the position/incumbent. Thank you for your cooperation.

GENERAL INSTRUCTIONS:

1. Before beginning, please look over the entire questionnaire. Each question should be answered completely and accurately. If a question does not apply to this job, please indicate "N/A" (Not Applicable).
2. To complete the questionnaire, please type and/or select your responses.
3. If you wish to make additional comments, please use the space available in the "Additional Comments" section on page 6 of this questionnaire.

A. JOB IDENTIFICATION INFORMATION:

Department (High Org):	4300	Division (Low Org):	4316
Contact for this Study	Name: Derrick Watson	Email: DERRICK.WASTSON@MILWAUKEECOUNTYWI.G	
	Title: Power Plant Operator	Phone: 414-427-6035	
Current Job Title:	Power Plant Operator		
Job Reports To:	Title: Power Plant Operator In-Charge		
Request Type:	<input type="checkbox"/> Establish New <input type="checkbox"/> Review <input type="checkbox"/> Reclassification <input type="checkbox"/> Reallocation <input checked="" type="checkbox"/> Update Description <input type="checkbox"/> Other, Specify		

B. JUSTIFICATION STATEMENT:

1. Attach an organizational chart.
2. Explain the events or changes that made this request necessary.
2022 Job-Analysis & Evaluation Project

C. ABOUT THE JOB:

Job Status:	<input checked="" type="checkbox"/> Regular Full-Time	<input type="checkbox"/> Regular Part-Time	<input type="checkbox"/> Seasonal	<input type="checkbox"/> Contract
Shift:	<input checked="" type="checkbox"/> Day	<input checked="" type="checkbox"/> Evening	<input checked="" type="checkbox"/> Night	<input type="checkbox"/> Other:
Hours Per Week:	<input checked="" type="checkbox"/> >40 Hours	<input type="checkbox"/> 32-40 Hours	<input type="checkbox"/> 20-32 Hours	<input type="checkbox"/> <20 Hours
Travel:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes, % Travel			
Will This Job Supervise/Manage?	<input type="checkbox"/> Supervise <input type="checkbox"/> Manage		<input checked="" type="checkbox"/> N/A	# of Direct Reports:

D. JOB SUMMARY:

Briefly state, in several sentences, the principle purpose or function of the job. Respond by describing What the job is, What its major objective is, and Why does it exist.
The Power Plant Operator ensures an efficient and safe operation of the steam plant through oversight of all the equipment within the steam plant. Provide the House of Correction with steam for sufficient heat and hot water. Provide steam for various departments (kitchen, laundry, maintenance, etc.) to support the mission of the House of Correction.

E. ESSENTIAL DUTIES/RESPONSIBILITIES:

JOB RESPONSIBILITY LIST: Please describe the major elements of the job. List only the major functions, separately, in order of importance. Provide a one or two line descriptive statement for each duty so that it can be understood by someone not familiar with this kind of work. Weight the approximate percentage of allocated work time for each functional work activity (Round to the nearest 5%). We do not need to know HOW the function is to be performed, but rather, WHAT it is to be performed. Percentages should add up to 100%			
1.	<input checked="" type="checkbox"/> Original <input type="checkbox"/> New	Job Duty: Operate high-pressure steam plant.	% of Time: 50
	<i>Descriptive:</i> Start, shift, operate/monitor and secure boiler(s) and auxiliary equipment; Recognize abnormal conditions and take corrective action. Inspect and record hourly parameters of operating equipment; Perform boiler bottom & surface blow-downs.		
2.	<input checked="" type="checkbox"/> Original <input type="checkbox"/> New	Job Duty: Perform daily chemical test analysis of all operating systems.	% of Time: 15
	<i>Descriptive:</i> Chemical test operating boiler(s), water softener, dealkalizer, feedwater and various condensate systems; Analyze test results; Fill two chemical tanks & adjust chemical pump settings to maintain boiler alkalinity, phosphate and sulfite level as dictated by test results.		
3.	<input checked="" type="checkbox"/> Original <input type="checkbox"/> New	Job Duty: Regenerate Water Softener and Dealkalizer resin.	% of Time: 5
	<i>Descriptive:</i> Monitor water softener and dealkalizer quality output; Initiate regeneration, monitor and log process when system quality is depleted; Lift, carry and add 80 lb. salt bags to softener and dealkalizer brine tanks to maintain 100% salinity level.		
4.	<input checked="" type="checkbox"/> Original <input type="checkbox"/> New	Job Duty: Perform Planned Maintenance on boilers and auxiliary equipment.	% of Time: 10
	<i>Descriptive:</i> Perform daily, weekly, monthly, quarterly, semi-annual and annual planned maintenance duties on boilers and auxiliary equipment as assigned.		
5.	<input checked="" type="checkbox"/> Original <input type="checkbox"/> New	Job Duty: Maintain adequate Nitrogen pressure on stand-by boiler(s).	% of Time: 5
	<i>Descriptive:</i> Transport full/empty nitrogen cylinders to/from Powerhouse at time of delivery; Monitor, maintain and adjust nitrogen system to maintain adequate pressure on standby boiler as per log sheet; Replace depleted nitrogen cylinders as needed.		
6.	<input checked="" type="checkbox"/> Original <input type="checkbox"/> New	Job Duty: Monitor METASYS building automation system and Deep Well Pump system	% of Time: 5
	<i>Descriptive:</i> Monitor, acknowledge and report METASYS building automation alarms as dictated by alarm status; Inspect & monitor deepwell pumping system to supply water for Fish Hatchery; Inspect pump, piping, and valves for leaks or abnormalities; Report abnormalities to Supervisor.		
7.	<input checked="" type="checkbox"/> Original <input type="checkbox"/> New	Job Duty: Maintain clean work environment.	% of Time: 5
	<i>Descriptive:</i> Complete assigned daily cleaning duties of Powerhouse.		
8.	<input checked="" type="checkbox"/> Original <input type="checkbox"/> New	Job Duty: Miscellaneous - other duties as assigned.	% of Time: 5
	<i>Descriptive:</i> Maintain accurate logs & records; Convey steam plant status to relief; Tighten valve packing leaks; Replace leaking boiler sight glass and packing; Transport chemical delivery (chemical drums) to Powerhouse; Complete assigned Powerhouse shift orders; Other duties as assigned		
9.	<input type="checkbox"/> Original <input type="checkbox"/> New	Job Duty:	% of Time:
	<i>Descriptive:</i>		
10.	<input type="checkbox"/> Original <input type="checkbox"/> New	Job Duty:	% of Time:
	<i>Descriptive:</i>		

F. EQUIPMENT, TOOLS & MATERIALS

Please list all equipment, tools or materials required to perform the job along with the frequency.	Frequency			Type of Equipment
	Daily	Weekly	Monthly	
1. Machinery: (i.e. Vehicles, Motorized Equipment, Heavy Machinery, etc)	100	100	100	Boilers & auxiliary equipment.
2. Hand Tools/Instruments: (i.e. Power Tools, PC's, office or laboratory equipment, weapons, etc.)	50	50	50	Power & Hand Tools; Chemical test lab equipment; Computer; Gauges.
3. Driving required?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			

G. JOB COMPETENCIES

Internal Contacts: Please select all that apply.	
<input checked="" type="checkbox"/>	Contact with employees or others primarily at a routine level involving basic information exchange.
<input checked="" type="checkbox"/>	Contact with peers and others involving explanation of information (these contacts may be within or outside department or division), and the gathering of factual information. May include the communication of sensitive or confidential information.
<input type="checkbox"/>	Contact across departments or divisions with employees involving persuasion of others, absent formal authority, to conform to a policy interpretation or recommended course of action.
<input type="checkbox"/>	Contact that requires a high degree of authority in securing understanding and cooperation of multiple departments or interests.

External Contacts: Please select all that apply.	
<input type="checkbox"/>	No contact with people outside the organization.
<input checked="" type="checkbox"/>	Limited external contact to: gather information, answer queries, or ask assistance.
<input checked="" type="checkbox"/>	Frequent external contact to: gather information, answer queries, or ask assistance.
<input type="checkbox"/>	External contact involving a requirement to maintain a continuing external working relationship with individuals, or organizations.
<input type="checkbox"/>	External contact involving the initiation and maintenance of relationships that can have a significant effect on the success of the organization.

Communication Skills: Select the level of language (ability to read, write and speak needed to successfully accomplish the essential duties of the job.) Please select all that apply.	
<input checked="" type="checkbox"/>	Read, write and comprehend simple instructions, short correspondence and memos.
<input checked="" type="checkbox"/>	Read and interpret safety rules, operating/maintenance instructions and procedure manuals.
<input type="checkbox"/>	Write routine reports, correspondence, and speak effectively before both internal and external groups.
<input checked="" type="checkbox"/>	Read, analyze, and interpret business manuals, technical procedures and/or government regulations.
<input type="checkbox"/>	Read, analyze, and interpret scientific and technical journals, financial reports and legal documents.
<input type="checkbox"/>	Prepare and/or present written communications that pertain to controversial and complex topics.

Decision-Making: Please select <u>only one</u> of the following:	
<input type="checkbox"/>	Requires minimal decision-making responsibility.
<input type="checkbox"/>	Regularly makes decisions involving how a project or operation will be conducted (i.e. sequence or method), and generally from an available set of alternatives or precedents.
<input checked="" type="checkbox"/>	Regularly makes decisions of responsibility, involving evaluation of information. Decisions may require development or application of alternatives or precedents.
<input type="checkbox"/>	Regularly makes significant decisions and final results, typically affecting the entire department. Available guides or precedents are limited. Has authority over the allocation of resources.
<input type="checkbox"/>	Significant responsibility for decisions and final results, affecting more than one department or a department with multiple units. Substantial analysis is required and many factors must be weighed before a decision can be reached.
<input type="checkbox"/>	Major responsibility for decisions and final recommendation, which may result in the formulation of strategic plans of action to achieve the broad objectives for the organization.
<input type="checkbox"/>	Primary work responsibility involves the long-range future including the scope, direction and goals of the organization.

Complexity, Judgment and Problem Solving: Please select all that apply.	
<input checked="" type="checkbox"/>	Work of a relatively routine nature. Requires the ability to understand and follow instructions.
<input checked="" type="checkbox"/>	Structured work, following a limited variety of standard practices.
<input checked="" type="checkbox"/>	Generally structured work, but involving a choice of action within limits of standard policy and procedures.
<input checked="" type="checkbox"/>	Generally diversified and moderately difficult work. Requires judgment in the adaptation and interpretation of established practices and procedures to meet problems and situations to which the application is not clearly defined.
<input type="checkbox"/>	Typically difficult or complex work. Generally governed by broad instructions and objectives usually involving frequently changing conditions and problems.
<input type="checkbox"/>	Work requires the ability to plan and perform work in light of new or constantly changing problems, work from broad instruction, and deal with complex factors not easily evaluated. Decisions require considerable judgment, initiative, and ingenuity in areas there is little precedent.
<input type="checkbox"/>	Work requires the ability to act independently in the formulation and administration of policies and programs for major departments or functions.

Supervisory/Managerial: If applicable, select the appropriate level of responsibility.	
<input type="checkbox"/>	Level 1 General instructing, scheduling, and reviewing the work of others performing the same or directly related work. Acts as "lead worker". Functional supervision only.
<input type="checkbox"/>	Level 2 Recommends personnel actions (hiring, termination, pay changes). Involves scheduling, supervision, and evaluation of work of employees who perform similar work assignments.
<input type="checkbox"/>	Level 3 Scheduling, supervision, and evaluation of work as a "manager" of the first line supervisors; or perform supervision of workers who perform distinct and separate blocks of work.
<input type="checkbox"/>	Level 4 Scheduling, supervision, and evaluation of work as a superior of "managers". Administers through subordinate managers, departmental multi-function programs or operations.
<input type="checkbox"/>	Level 5 Scheduling, supervision, and evaluation of work as a superior of those in level 4.

List the names of the Department(s)/Division(s) supervised/managed by this job:	
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Are there subordinate supervisors/managers reporting to this job?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If yes, how many?
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Fiscal Responsibility:		
Responsible for annual operating budget for department(s)/division(s)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If yes, please provide total amount?

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H. WORKING CONDITIONS

What are the physical, mental and environment demands for this job? Functions identified must coincide with the descriptive statement of essential duties and responsibilities for this job. The functions should focus on what is to be done and the processes traditionally used to achieve end results. For each of the following functional requirements, indicate the frequency in which it occurs in this job.

PHYSICAL DEMANDS		N/A	Seldom (<25%)	Occasional (25% - 50%)	Frequent (50% - 75%)	Always (>75%)
Standing		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Walking/Running		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Sitting		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Reaching		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Climbing		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Driving		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Bending/Kneeling		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Hearing		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Talking		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Visual		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Typing		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Fine Dexterity		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Manual Dexterity		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Upper Extremity Repetitive Motion		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Lifting/Carrying	80 lbs.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Pushing/Pulling	>200 lbs.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
NON-PHYSICAL DEMANDS		N/A	Seldom (<25%)	Occasional (25% - 50%)	Frequent (50% - 75%)	Always (>75%)
Analysis/Reasoning		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Communication/Interpretation		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Math/Mental Computation		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Reading		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Sustained Mental Activity (i.e. auditing, problem solving, grant writing, composing reports)		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Writing		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Other:		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ENVIRONMENTAL DEMANDS		N/A	Seldom (<25%)	Occasional (25% - 50%)	Frequent (50% - 75%)	Always (>75%)
Work Alone		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Frequent Task Changes		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Tedious/Exacting Work		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
High Volume Public Contact		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Dust		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Temperature Extremes		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Loud Noises		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Physical Danger		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Toxic Substances (i.e. solvents, pesticides, etc.)		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Other:		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

WORK SCHEDULE: Please select all that apply.

<input checked="" type="checkbox"/>	Routine shift hours. Infrequent overtime, weekend, or shift rotation.
<input checked="" type="checkbox"/>	Considerable irregularity of hours due to frequent overtime, weekend or shift rotation.
<input type="checkbox"/>	Regular and/or frequent on-call availability.
<input checked="" type="checkbox"/>	Nature of work frequently requires irregular, unpredictable or particularly long hours. (I.e. covering double shifts, etc.)

DEMANDS/DEADLINES: Please select all that apply.	
<input checked="" type="checkbox"/>	Little or no stress created by work, employees, or public.
<input checked="" type="checkbox"/>	Occasional stress due to deadlines or workload because of intermittent or cyclical work pressures, or occasional exposure to distressed individuals within the immediate work environment.
<input type="checkbox"/>	High volume and variable work demands and deadlines impose strain on routine basis or considerable stress intermittently; OR regular direct contacts with distressed individuals within the immediate work environment; and/or exposure to demands and pressures from persons other than immediate supervisor.
<input type="checkbox"/>	Work requires frequent, substantive contacts with people in highly stressful situations; delicacy and unpredictability of contacts routinely creates considerable strain or heavy stress regularly.

I. EDUCATION, EXPERIENCE AND LICENSE

EDUCATION		
Please indicate the MINIMUM educational level required:		
<input checked="" type="checkbox"/>	HS Diploma/GED	
<input type="checkbox"/>	Associate's Degree	Area of specialization/major:
<input type="checkbox"/>	Bachelor's Degree	Area of specialization/major:
<input type="checkbox"/>	Graduate Degree	Area of specialization/major:
<input type="checkbox"/>	Post Graduate Degree (PhD)	Area of specialization/major:
<input type="checkbox"/>	Professional Degree (Law, Medicine, etc.)	Area of specialization/major:
<input type="checkbox"/>	Other:	Please indicate:

WORK EXPERIENCE		
Please indicate the MINIMUM number of years of practical experience required.		
<input type="checkbox"/>	No experience	
<input type="checkbox"/>	Less than one year	Area(s) of experience:
<input checked="" type="checkbox"/>	One to three years	Area(s) of experience: Operatng low pressure license.
<input type="checkbox"/>	Three to five years	Area(s) of experience:
<input type="checkbox"/>	Five or more years	Area(s) of experience:

SUPERVISORY/MANAGEMENT EXPERIENCE		
Please indicate the MINIMUM number of years of supervisory/management experience required.		
<input checked="" type="checkbox"/>	No experience	
<input type="checkbox"/>	Less than one year	Area(s) of experience:
<input type="checkbox"/>	One to three years	Area(s) of experience:
<input type="checkbox"/>	Three to five years	Area(s) of experience:
<input type="checkbox"/>	Five or more years	Area(s) of experience:

LICENSE/CERTIFICATION:
What license(s), certification/certificate(s), registration(s), or other regulatory requirements/training: license or City of Milwaukee Low Pressure Boiler Operator's permit or higher class permit.

J. ADDITIONAL COMMENTS

Please list additional items not covered in this questionnaire that you feel would be helpful in understanding the job.
<ul style="list-style-type: none"> The steam plant operates 24/7 and 365 days/year; Must have the ability to multi-task (perform additional/required duties while operating boilers/steam plant entire shift). All Power Plant Operators can be assigned to work any shift as needed. All Power Plant Operators work weekends, holidays and overtime as needed.

K. SIGNATURES:

SUPERVISOR'S/MANAGER'S CONFIRMATION: I have completed and/or reviewed the contents of this job evaluation questionnaire and consent to its accuracy.	
Supervisor/Manager Signature: <i>Devrick Watson</i>	Date: 10-06-2022
Department/Division Head Signature: <i>Shawn Sullivan Revised</i>	Date: 10-06-2022

Email the completed form to: HRCompensation@milwcnty.com. Please ensure the subject line includes the request type and Department (High Org.) number. (I.e. 2013 STUDY 1140)

Received by Human Resources - Compensation Department
Analyzed by Human Resources - Compensation Department

Initials:
Initials:

Date:
Date: