



# Poudre School District

## HUMAN RESOURCES DEPARTMENT

### JOB DESCRIPTION

Job Title: **Controls Technician**  
Job Family: **Maintenance**  
Prepared/Revised Date: **January 30, 2020**

FLSA Status: **Non-Exempt**  
Pay Range: **MT35H**  
Job Code: **62006**

**SUMMARY:** Under the direction and guidance of the Controls Specialist, assist in programming, monitoring, installing, testing, inspecting, diagnosing, and repairing building automation systems (BAS) district-wide.

**ESSENTIAL DUTIES AND RESPONSIBILITIES:** *To perform this job successfully, an individual must be able to perform each essential duty satisfactorily. The requirements listed below are representative of the knowledge, skill and/or ability required. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions. Frequency of duties, percent of time and work year may vary based on department or building assignment.*

Description of Job Tasks	Frequency	% of Time
	Daily = <b>D</b> Weekly = <b>W</b> Monthly = <b>M</b> Quarterly = <b>Q</b> Annually = <b>A</b>	On an annual basis, e.g. 10 hours of a 40 hour work week = 10/40 = 25%
1. Assist in installing, testing, programming, monitoring, troubleshooting, diagnosing, and repairing building automation systems district-wide.	D	50%
2. Work closely with the district BAS Controls Specialist to enhance automated equipment operations and program equipment run times; perform system programming and integration with automated systems such as burglar alarms and fire alarms.	D	25%
3. Attend work and arrive in a timely manner.	D	1%
4. Maintain records of all district control systems associated programs. Assist in updating graphical programs and educational interfaces.	W	7%
5. Conduct historical trend data analysis and provide data based on future district BAS needs.	M	10%
6. Attend training on BAS software as necessary.	A	3%
7. Respond as essential personnel in case of an emergency, weather or environmental event, and/or school/facility/district closure. Respond to emergency calls 24/7 as necessary.	A	3%
8. Perform other duties as assigned.	Ongoing	1%
	<b>TOTAL=</b>	<b>100%</b>

#### **EDUCATION AND RELATED WORK EXPERIENCE:**

- High school diploma or equivalent, plus specialized technical training in DDC systems required
- More than three years of experience in HVAC systems, building controls systems, construction, building maintenance, and mechanical systems preferred
- Equivalent combination of education and experience acceptable

#### **LICENSES, REGISTRATIONS or CERTIFICATIONS:**

- Criminal background check required for hire
- Must meet District driver insurability requirements
- Valid Colorado driver's license

#### **TECHNICAL SKILLS, KNOWLEDGE & ABILITIES:**

- Oral and written communication skills
- English language skills
- Interpersonal relations skills
- Math and accounting skills



- Personal computer and keyboarding skills
- Data base management skills
- Strong computer skills in both standard and proprietary software
- Customer service and public relations skills
- Critical thinking and problem solving skill
- Ability to manage multiple priorities
- Ability to manage multiple tasks with frequent interruptions
- Ability and willingness to carry a phone, and be on call and/or respond to calls 24/7
- Ability to read and understand contracts, construction drawings, and specifications
- Ability to work independently
- Ability to participate and work in a team environment
- Ability to maintain honesty and integrity in all aspects of the job
- Ability and willingness to adhere to attendance requirements, including regular and punctual employee presence
- Ability to promote and follow Board of Education policies, Superintendent policies, and building and department procedures
- Ability to communicate, interact, and work effectively and cooperatively with people from diverse ethnic and educational backgrounds
- Ability to recognize the importance of safety in the workplace, follow safety rules, practice safe work habits, utilize appropriate safety equipment, and report unsafe conditions to the appropriate administrator

**MATERIALS AND EQUIPMENT OPERATING KNOWLEDGE:**

- Operating knowledge of and experience with personal computers and peripherals
- Operating knowledge of and experience with Microsoft Word, Excel, PowerPoint, Access, Publisher, Outlook, and/or other department software packages
- Operating knowledge of and experience with typical office equipment, such as telephones, copier, fax machine, E-mail, etc.
- Operating knowledge of basic BAS controls
- Operating knowledge of irrigation management and integration of other systems (fire alarm, lighting, etc.)
- Operating knowledge of interface to smart meters
- Ability to work with BAS dashboard opportunities

**REPORTING RELATIONSHIPS & DIRECTION/GUIDANCE:**

	<b>CONTROLS TECHNICIAN</b>	<b># of EMPLOYEES</b>
<b>Direct reports:</b>	This job has no direct supervisory responsibilities.	0

**PHYSICAL REQUIREMENTS & WORKING CONDITIONS:** *The physical demands, work environment factors and mental functions described below are representative of those that must be met by an employee to successfully perform the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.*

<b>PHYSICAL ACTIVITIES:</b>	<b>Amount of Time</b>			
	<b>None</b>	<b>Under 1/3</b>	<b>1/3 to 2/3</b>	<b>Over 2/3</b>
Stand				X
Walk			X	
Sit				X
Use hands to finger, handle or feed				X
Reach with hands and arms			X	
Climb or balance			X	
Stoop, kneel, crouch, or crawl				X
Talk			X	
Hear				X
Taste		X		
Smell			X	



WEIGHT and FORCE DEMANDS:	Amount of Time			
	None	Under 1/3	1/3 to 2/3	Over 2/3
Up to 10 pounds				X
Up to 25 pounds				X
Up to 50 pounds		X		
Up to 100 pounds		X		
More than 100 pounds		X		

MENTAL FUNCTIONS:	Amount of Time			
	None	Under 1/3	1/3 to 2/3	Over 2/3
Compare				X
Analyze				X
Communicate			X	
Copy		X		
Coordinate				X
Instruct				X
Compute				X
Synthesize			X	
Evaluate				X
Interpersonal Skills			X	
Compile				X
Negotiate			X	

WORK ENVIRONMENT:	Amount of Time			
	None	Under 1/3	1/3 to 2/3	Over 2/3
Wet or humid conditions (non-weather)			X	
Work near moving mechanical parts			X	
Work in high, precarious places		X		
Fumes or airborne particles		X		
Toxic or caustic chemicals	X			
Outdoor weather conditions			X	
Extreme cold (non-weather)		X		
Extreme heat (non-weather)		X		
Risk of electrical shock				X
Work with explosives	X			
Risk of radiation	X			
Vibration		X		

VISION DEMANDS:	Required
No special vision requirements.	
Close vision (clear vision at 20 inches or less)	X
Distance vision (clear vision at 20 feet or more)	X
Color vision (ability to identify and distinguish colors)	X
Peripheral vision	X
Depth perception	X
Ability to adjust focus	X

NOISE LEVEL:	Exposure Level
Very quiet	
Quiet	
Moderate	
Loud	X
Very Loud	