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AGRICULTURAL RESEARCH SERVICE
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VACANCY ANNOUNCEMENT

Announcement Number: ARS-X4W-0388
Demo/Alternative Merit
Promotion

Position Title/Series/Grade:
Maintenance Worker
WG-4749-08

Promotion Potential: None

Employment Type: Full-time - Permanent

Grade and Salary Range:
WG-08 \$ 17.03 - \$19.87 Per Hour

Location of Position:
Office of the Center Director/Location Support Staff
Fargo, ND

Who Can Apply:
All U.S. Citizens

Opening Date: August 23, 2004

Closing Date: September 14, 2004

For copies of vacancy announcements and/or application materials, please call (301) 504-1482. For additional information regarding employment opportunities, please visit <http://www.afm.ars.usda.gov/hrd/jobs/apply.htm>.

Contact Information

Human Resources Specialist:
Jody C. Shelton
(301) 504-1573

Location Contact Information:
Jamie Wadzink
(701) 239-1203

DC Relay Service: (202) 855-1234 (TDD)

Send Applications to:
USDA, Agricultural Research Service
Human Resources Division
Attn: Jody C. Shelton
5601 Sunnyside Avenue, Stop 5106
Beltsville, MD 20705-5106
Fax: (301) 504-1535
E-mail: scirecruit@ars.usda.gov

Applications must be postmarked, e-mailed or faxed by the closing date of the announcement. Applications received in Government envelopes will not be considered.

Please take advantage of the Application Package Checklist at the end of this announcement to ensure your application is complete.

For information about the organization and location, visit the location's website at www.fargo.ars.usda.gov.

Applications will also be accepted from USDA Surplus and Federal Displaced Employees in the commuting area.

Major Duties:

Performs removal of snow; lawn mowing; installs and removes shelving; builds wooden shipping crates; maintains faucets and sinks; provides diagnostic services and repair of Heating, Ventilation, Air Conditioning and other typical mechanical room equipment; develops and maintains schedules using a computer spreadsheet program for routine preventative maintenance of a variety of physical plant mechanical equipment; works with other shop personnel on any troubleshooting situations as needed; takes vehicles for washing and service; prepares surfaces for painting; maintains work and storage area by ordering parts, tools and supplies; builds or repairs equipment and machinery by welding; performs simple duct work; may instruct, orient and lead lower grade workers; as necessary, uses an assigned government purchasing card and small purchase procedures to purchase supplies, materials and equipment.

Working Conditions and Other Considerations:

Work requires active walking, prolonged periods of standing, climbing, stooping, bending, crawling, and working in cramped positions or crowded areas. May be required to lift equipment up to 100 pounds. **PHYSICAL EXAMINATION IS REQUIRED.**

Work is usually performed outdoors. Outdoor work often exposes the incumbent to long periods of hot sun, blowing snow, cold and occasionally to bad weather. Snow removal typically happens in the middle of the night. Incumbent is exposed to varying abnormal temperatures and conditions both indoors and outside buildings. Works in areas where equipment is in continual operation, noise levels are abnormal and odors prevail. Subject to mechanical injury, chemical odors and fumes, cuts, bruises, dirt, insect particles and dust, saw dust, adhesives, paint fumes and grease. Must follow prescribed safety practices and use safety equipment to avoid injury and possible hazards in the work area. Must be able to wear respirator.

Qualifications Required: Your experience will be evaluated against all qualification requirements (basic and any additional requirements) listed below.

Specialized Experience - experience which has equipped you with the following Knowledge, Skills and Abilities - 'KSAs' required to perform the duties of this position:

1. Ability to do the work of a maintenance worker without more than normal supervision.
(SCREEN OUT FACTOR)
2. Knowledge of Equipment. (Assembly, Installation, Repair, etc.)
3. Technical Practices (theoretical, precise, artistic).
4. Ability to use and maintain tools and equipment, including measuring instruments.
5. Ability to interpret instructions, Specifications, etc. (Includes blueprint reading)
6. Knowledge of Materials.
7. Ability to troubleshoot.

SUPPLEMENTAL QUESTIONNAIRE: Applicants are required to complete the attached supplemental questionnaire. Applicants who fail to complete and return the questionnaire WILL NOT receive further consideration for the Position.

Other Important Information

Benefits Package:

A Benefits Package is authorized for this position. Additional information about Federal benefits can be obtained at www.usajobs.opm.gov/ei61.htm.

Veteran's Preference:

For further details, call the U.S. Office of Personnel Management (OPM) at 478-757-3000 or TDD 478-744-2299. Select General Information on the Federal Employment Policies and Procedures, and then Veterans Preference and Special Appointing Authorities for Veterans. Or visit their VetGuide website at www.opm.gov/employ/veterans/html/vetguide.asp.

Relocation Expenses:

Payment of relocation expenses will be determined in accordance with P&P 412.5, Recruitment and Retention Incentives and Other Special Pay, Sections 6 and 7, as amended by Bulletin 03-402, which may be found at: <http://www.afm.ars.usda.gov/divisions/hrd/jobs/index.html> and click on, "Policy on Payment of Relocation Expenses" under General Information.

Financial Disclosure Requirement:

Federal employees are subject to prohibitions against officially dealing with outside organizations in which they have a financial interest. You may be required to submit a financial disclosure report if hired for this position.

False statements:

If you make a false statement in any part of your application, you may not be hired; may be fired after beginning work; or may be fined or jailed.

Optional Form 306, (Declaration for Federal Employment):

If you are selected for this position, you will be required to complete this form before an offer may be made.

USDA Surplus/Federal Displaced Employees:

USDA Surplus/Federal displaced employees must submit documentary evidence of eligibility. Well qualified surplus and displaced employees within the local commuting area will receive selection priority as provided by OPM regulations. Well-qualified means the applicant meets the basic qualification and eligibility requirements and all selective placement factors; is rated above minimally qualified against the KSAs or quality criteria; and is able to satisfactorily perform the duties of the position upon entry. Applicants must submit the following:

- 1) a copy of your RIF Separation Notice or Certification of Expected Separation or other documentation indicating that you are a surplus employee;
- 2) evidence of full performance level of current position;
- 3) a copy of your most recent performance appraisal; and
- 4) a copy of your most recent SF-50, Notification of Personnel Action, to verify reassignment eligibility.

Selective Service System:

Males over age 18 who were born after December 31, 1959, must have registered with the Selective Service System (or have an exemption) to be eligible for Federal employment.

Reasonable Accommodation:

Reasonable accommodation is provided to applicants with disabilities. If you need a reasonable accommodation for any part of the application and hiring process, or have questions regarding reasonable accommodation and/or accessibility for any part of the application and hiring process, please contact the Disability Program Manager on 202-720-6161 or through the DC Relay Service on 202-855-1234 (TDD). The decision to grant reasonable accommodation is made on a case-by-case basis.

Civil Rights Policy Statement:

The U.S. Department of Agriculture (USDA) is an equal opportunity employer and provider. Discrimination is prohibited in all USDA programs and activities on the basis of race, color, national origin, gender, religion, age, disability, political beliefs, sexual orientation, and marital or family status. (Not all prohibited bases apply to all programs.) Persons with disabilities who require alternative means for communication of program information (Braille, large print, audiotape, etc.) should contact USDA's Target Center on 202-720-2600 (voice and TDD).

To file a complaint of discrimination, write USDA, Director, Office of Civil Rights, Room 326-W, Whitten Building, 1400 Independence Avenue, SW, Washington, D.C. 20250-9410 or call 202-720-5964 (voice and TDD).

Application Package Checklist

If application packages do not contain all of the requested information, you may lose consideration for the job. To help you ensure your application fully outlines your qualifications and eligibility for this position, please submit the following documentation.

- Optional Form 612 (Optional Application for Federal Employment), SF-171 (Application for Federal Employment), Resume, Curriculum Vitae, or other document outlining your qualifications (Go to <http://www.opm.gov/forms/html/of.asp> and scroll down to obtain the OF-612).

The following information is required of all applicants:

- Announcement number, title, and grade(s) of the position
- Full name, mailing address (including zip code) and day and evening phone numbers (with area code)
- Social security number
- Statement that you are a U.S. citizen (if not using the OF-612 or SF-171)
- Copy of DD Form 214 (Certificate of Release or Discharge from Active Duty) (if claiming veterans preference) (Visit the following web site for additional information: <http://www.opm.gov/veterans/>)
- SF-15 (Application for 10-point Veteran's Preference) plus the support documentation required by this form (if claiming 10-point veterans preference) (Go to the web site at <http://www.opm.gov/forms/html/sf.asp> to obtain form.)
- Paid and non-paid work experience related to the position. For each period of work experience include:
 - ___ Job title
 - ___ Series/grade (if Federal employment)
 - ___ Duties and accomplishments
 - ___ Employer's name and address
 - ___ Supervisor's name and contact information
 - ___ Starting and ending dates of employment (at least month & year)
 - ___ Number of hours worked per week
 - ___ Salary
 - ___ Indicate if we may contact current supervisor/employer
- Other job related information, such as training courses (title & year); skills (e.g., other languages, computer software/hardware, tools, etc.)
 - ___ Certificates/licenses (current)
 - ___ Honors, awards, and special accomplishments
 - ___ Supplemental questionnaire if applicable (usually for Federal Wage System positions - WG, WL, WS)
- Copy of college transcripts (if qualifying all or in part on the basis of education for this position) (If you have non-conventional education, e.g., foreign study, continuing education units, life experience, etc., go to the web site at <http://www.opm.gov/qualifications/SEC-II/s2-e4.htm#e4a> and look under the heading "Other Education" for information governing acceptability of this type of education.)

- Copy of SF-50 (Notification of Personnel Action) to verify possession of competitive civil service status (if you are a current or previous federal employee)
- Copy of most recent performance appraisal (if you are a current federal employee)
- Second copy of application package (if the position is open to candidates outside the federal government AND if you are a current federal employee or a candidate with reinstatement eligibility and wish to be considered under both merit promotion and competitive examining procedures).
- Support documentation for eligibility for special hiring authorities, such as disability, Peace Corps service, etc. (If you have questions about whether you are eligible for a particular hiring authority, please call the servicing HR specialist or visit the web site at <http://www.usajobs.opm.gov/a2.htm> and scroll down to the subject heading, "Category".)
- Support documentation if you are a USDA surplus or federal displaced employee (See pertinent section under "Other Important Information" below.)
- Self-certification of typing speed (if required as a basic qualification for the position)
- While not required, a separate response to the required knowledge, skills, and abilities (KSAs listed under Specialized Experience) and Selective Placement Factor(s), if present, for this position may better highlight your specific qualifications for this position. (For an explanation of KSAs, go to the web site at <http://www.ars.usda.gov/careers/whatksa.html>).

If this is your first time applying for a federal job, or if you wish to view more detailed information about various aspects of applying for federal jobs, go to <http://www.opm.gov/forms/html/of.asp> and scroll down to access the Office of Personnel Management (OPM) Optional Form 510.

SUPPLEMENTAL EMPLOYEE QUESTIONNAIRE
MAINTENANCE WORKER/MECHANIC, WG-4749

Name: _____

Announcement Number: _____

Note to Applicant: Information presented will be used to rate your application. You cannot be given credit for work you do not document. All questions must be answered. Questions not answered will be considered to indicate that you have not performed that particular work.

Place a check mark next to the level which best indicates your ability in the following trades:

1.) Plumbing

Journeyman _____ Apprentice _____ Helper _____ Laborer _____ No experience

3.) Welder

Journeyman _____ Apprentice _____ Helper _____ Laborer _____ No experience

4.) Woodworking

Journeyman _____ Apprentice _____ Helper _____ Laborer _____ No experience

5.) Painter

Journeyman _____ Apprentice _____ Helper _____ Laborer _____ No experience

6.) HVAC

Journeyman _____ Apprentice _____ Helper _____ Laborer _____ No experience

7.) Heating/Boiler

Journeyman _____ Apprentice _____ Helper _____ Laborer _____ No experience

8.) Tractor Operator

Journeyman _____ Apprentice _____ Helper _____ Laborer _____ No experience _____

9.) Sheet Metal

Journeyman _____ Apprentice _____ Helper _____ Laborer _____ No experience _____

Plumbing work

For each task in the following groups, choose one number that best describes your experience and/or training, and put that number in the appropriate blank.

1. Some training, no experience.
2. Perform task under close supervision.
3. Perform task using own initiative and judgement.
4. Journeyman/expert with extensive experience.

_____ Remove, clean, reinstall, or replace joints and fixtures such as traps, faucets and unions.

_____ Measure, cut, bend, and thread pipe.

_____ Install equipment such as hot water heaters or disposal systems.

- Repair and install plumbing fixtures such as tubs, sinks, and commodes.
- Install, modify, and repair utility, supply, or disposal systems such as sewage, water, oil and gas distribution systems.
- Plan, layout, and install complex piping systems including determining the routing, placement, slant, slope and fall of systems and equipment.
- Pour lead joints.
- Install couplings, unions and joints.

Check the following tools you have used.

- Closet auger
- Cutters
- Divider
- Hacksaw
- Hand pipe threader
- Hydrostatic pump
- Lead pump
- Mercury gauge
- Packing and/or caulking irons
- Pipe wrenches
- Plumb bob
- Power pipe threader
- Other tools (please list) _____

Referring to the above tools and instruments, check any of the following with which you have had experience:

- Adjusting instruments
- Adjusting tools
- Calibrating instruments
- Calibrating tools
- Repairing instruments
- Repairing tools
- Sharpening instruments
- Sharpening tools

Welding work

For each task in the following groups, choose one number that best describes your experience and/or training, and put that number in the appropriate blank.

1. Some training, no experience.

2. Perform task under close supervision.
3. Perform task using own initiative and judgement.
4. Journeyman/expert with extensive experience.

- _____ Use electric resistance welding methods and equipment, such as spot, flash, and seam.
- _____ Use gas torch welding processes and equipment, e.g., oxyacetylene or oxyhydrogen.
- _____ Use arc welding processes and equipment, e.g., gas-carbon arc, or gas-metal arc.
- _____ Weld commonly used metals.
- _____ Use jigs and fixtures.
- _____ Weld metals, and alloys of various sizes, shapes and thicknesses including dissimilar metals such as copper to steel.
- _____ Weld in flat or horizontal positions
- _____ Weld in vertical or overhead positions.
- _____ Weld metal parts or structures of .025 inches or less.
- _____ Weld very thick metal parts or structures, e.g., armor plating.

Check the following equipment/tools you have used.

- _____ Flash welder
- _____ Oxyacetylene welder
- _____ Seam welder
- _____ Spot welder
- ___ Welding Arc
- ___ Grinders
- ___ Pipe Machines
- ___ Presses
- ___ Sheet Metal Benders
- ___ Milling and Lathe Machines
- _____ Other tools (please list) _____

Referring to the above tools, check any of the following with which you have had experience:

- _____ Adjusting tool
- _____ Calibrating tool
- _____ Repairing tool

Woodworking work

For each task in the following groups, choose one number that best describes your experience and/or training, and put that number in the appropriate blank.

1. Some training, no experience.

2. Perform task under close supervision.
3. Perform task using own initiative and judgement.
4. Journeyman/expert with extensive experience.

_____ Build items such as shelving and storage bins.

_____ Make repairs to office type furniture by regluing loose joints, and replacing shelving and slide mechanisms.

Check the following tools you have used:

- _____ Band or scroll saw
- _____ Drill press
- _____ Drills
- _____ Glue guns
- _____ Hammer
- _____ Hand saw
- _____ Measuring tape
- _____ Metal shears
- _____ Miter
- _____ Power nailers and fasteners
- _____ Power sanders
- _____ Radial saw
- _____ Routers
- _____ Screw guns
- _____ Screwdrivers
- _____ Other tools (please list) _____

Referring to the above tools, check any of the following with which you have had experience:

- _____ Adjusting tools
- _____ Calibrating tools
- _____ Repairing tools
- _____ Sharpening tools

Painter

For each task in the following groups, choose one number that best describes your experience and/or training, and put that number in the appropriate blank.

1. Some training, no experience.
2. Perform task under close supervision.
3. Perform task using own initiative and judgement.

4. Journeyman/expert with extensive experience.

_____ Perform surface preparations using solvents, acids, and detergents in preparing surfaces for application of coatings.

_____ Perform surface preparations using power and hand tools in preparing surfaces for the application of coatings.

_____ Identify essential parts and components and protect them from dust, paint, and damage by _____ taping and masking prior to cleaning and painting operations.

_____ Interpret directions relating to the mixture, use, and application of materials being applied, _____ and determine the proper procedure and method of application.

_____ Interpret manufacturer=s application instructions.

_____ Prepare and monitor chemical solutions for degreasing of surfaces.

_____ Apply fillers to build up, shape, and level surfaces to obtain a smoother surface.

_____ Identify hazardous material labels and use appropriate safety equipment and techniques.

Prepare various coating materials. Check all that apply:

_____ Blending

_____ Matching

_____ Mixing in various agents and retardants to get the proper color, texture, consistency, and drying state.

_____ Tinting

_____ Toning

Check which of the following you have used:

_____ Dip tanks

_____ Graining devices

_____ Putty knives

_____ Rollers

_____ Sandpaper

_____ Scrapers

_____ Spray guns

_____ Trowels

_____ Wire brushes

___ Buffers

_____ Other tools (please list) _____

Referring to the above tools, check any of the following with which you have had experience:

_____ Adjusting tools

- _____ Calibrating tools
- _____ Repairing tools
- _____ Sharpening tools

HVAC

For each task in the following groups, choose one number that best describes your experience and/or training, and put that number in the appropriate blank.

1. Some training, no experience.
2. Perform task under close supervision.
3. Perform task using own initiative and judgement.
4. Journeyman/expert with extensive experience.

_____ Develop and maintain schedules for routine preventative maintenance.

Check the column(s) describing your experience working on the following equipment or instruments:

	Repaired	Installed Modified
Air conditioning units	_____	_____
Air Filters	_____	_____
Compressors	_____	_____
Electrical controls	_____	_____
Motors	_____	_____
Pneumatic controls	_____	_____
Pumps	_____	_____
Refrigerant switches	_____	_____
Steam, water and change-over valves	_____	_____
Thermostats	_____	_____
Gear boxes	_____	_____
Constant temperature boxes	_____	_____
Belts	_____	_____

Fume Hoods

Coolers

Check the systems and type of experience you have had in the following:

Operated

Repaired

Air conditioning systems of less than 3 tons:

Air conditioning systems between 3 and 5 tons:

Air conditioning systems over 5 tons:

Heating and Boiler Plant Equipment

For each task in the following groups, choose one number that best describes your experience and/or training, and put that number in the appropriate blank.

1. Some training, no experience.
2. Perform task under close supervision.
3. Perform task using own initiative and judgement.
4. Journeyman/expert with extensive experience.

_____ Troubleshoot heating units and systems in boiler plants which produce steam or hot water.

_____ Troubleshoot heating and power units which include wood, oil, and/or gas fired high and low pressure boilers.

_____ Troubleshoot auxiliary components, automatic controls, circulating Systems superheater, preheaters and economizers.

_____ Observe and test the operation of heating and power systems in order to localize malfunctions in automatic controls converters, piping and pumps.

Check the appropriate column(s) describing your experience:

Inspect

Adjust

Replace

Repair

Air compressors

Ball bearing thrust bearings

Boiler feed pumps

Burners

Chill water pumps

Combustion fans

Condenser water pumps

Control linkages

Cooling tower screens

Drive gears turbine governor

Filters

Flame safeguard controls

Flow control valves

Fuel cutoff apparatus

Fuel lines

Fuel oil pumps

Generators

Hydraulic Cylinders

Oil Pumps

Oil Seals

Purge Units

Refractory Lines

Relays

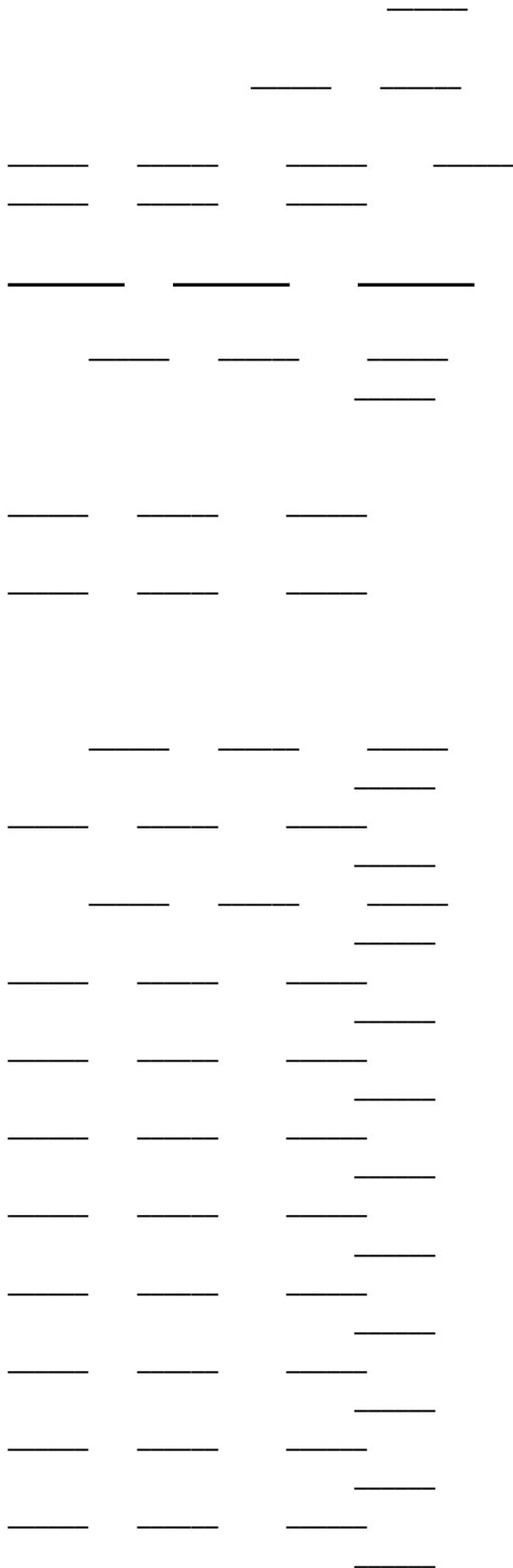
Safety valves

Springs and Gaskets

Steam Gland Seals

Switches

Thermostats



Turbines

_____	_____	_____
_____	_____	_____

Vacuum pumps

Check which of the following you have used:

- _____ Calipers
- _____ Dead weight testers
- _____ Dial indicators
- _____ Flow meters
- _____ Grinders
- _____ Hydrostatic testing equipment
- _____ Lathes
- _____ Micrometers
- _____ Ohmmeters
- _____ Power saws
- _____ Pyrometers
- _____ Tachometer
- _____ Other tools (please list) _____

Referring to the above tools and instruments, check any of the following with which you have had experience:

- _____ Adjusting instruments
- _____ Adjusting tools
- _____ Calibrating instruments
- _____ Calibrating tools
- _____ Repairing instruments
- _____ Repairing tools
- _____ Sharpening instruments
- _____ Sharpening tools

Tractor Operator

1. Check all the equipment you have operated:

- ___ Field/Farm-tractors
- ___ Forklift
- ___ Motor Vehicle
- ___ Pick-up trucks

- Riding mower
- Warehouse-type tractors
- Others. Please identify:

2. Check all the towed or attached equipment you have used:

- Aerators
- Backhoes
- Boom slope mowers
- Chippers
- Disks
- Front-end loading devices
- Harrows
- Movable dozer blades
- Mowers
- Plows
- Post hole diggers
- Sprayers
- Trailers
- Wheeled carts
- Others. Please identify:

3. Check the types of connections between the towed or attached equipment with which you have experience:

- Basic coupling devices
- Hydraulic connections
- Mechanical connections

4. Check the types of surfaces and areas in which you have operated a tractor:

- Ditches
- Holes
- Lawns

- Level surface
- Open fields
- Orchards
- Parks
- Paved Roadways
- Ravines
- Rough terrain
- Slopes
- Steep hills
- Uneven terrain

5. Check the types of experiences you have in maneuvering and operating tractors and equipment:

- Along fences
- Along curbs
- Between and around ponds
- Between furrows
- Between shrubs and trees
- Contour planting
- Experimental research field plots
- Marshy areas
- Plowing fields
- Snowy areas

6. Check the following tasks you have performed in the servicing and maintenance of equipment:

- Adding hydraulic fluid
- Adding oil
- Changing blades
- Changing filters
- Lubricating parts
- Sharpening blades

7. Check the following experiences you have had in operating equipment:

- Operate tractor while raising and lowering attached equipment
- Operate boom slope mowers to cut grass on slopes while

operating tractor

- Make multiple connections from equipment to tractor
- Set height of mower blades
- Set depth of plow blades
- Adjust rate of application for seeders and sprayer attachments
- Determine power requirements
- Choose proper gears, speeds, and angles of turns

8. Check the response(s) that describes your work situation(s).

Check all that apply:

- Complete work under close supervision, with specific instructions for each step of a job
- Complete work according to specific oral and/or written instructions and established work schedules
- Complete work according to general oral and/or written instructions and established methods
- Complete work from instructions outside the established methods such as depth to plow a field; space between furrows; depth to plant a crop; and/or type of fertilizer to use
- Complete work independently based on general project directions from supervisor
- Complete work by responding to frequent, new, or changed instructions
- Provide instruction to other operators

9. Check the types of records you have kept:

- Gas use records
- Supplies/purchase records
- Vehicle maintenance records
- Water schedule records

10. Can you:

- Lift up to 25 lbs. Yes___ No___
- Lift 25-50 lbs. Yes___ No___
- Lift 50-100 lbs. Yes___ No___

11. Have you had safety training covering tractor operation?

Yes No

If yes, explain:

14. Do you have a valid motor vehicle operators= license?

Yes No

If no, would you be willing to obtain a license?

Yes No

THE FOLLOWING REFLECTS YOUR ABILITY TO INTERPRET OR FOLLOW INSTRUCTIONS:

Choose the number that best describes the highest level of instruction you have followed to do your work and put that number in the appropriate blank(s).

1. Have not used.
2. Used with assistance from others.
3. Used independently.
4. Provided instruction to others.

Blueprints
 Building codes
 Building plans
 Drawings
 Drawings with different trade symbols
 Engineering drawings
 Manufacturers= specs
 Technical Manuals
 Wiring diagrams
 Work orders

Check the response that describes your work situations:

- _____ Under close supervision, follows specific instructions.
- _____ Follows work orders and works from sketches or basic blueprints which are complete in terms of materials and methods used.
- _____ Interprets complex instructions, sketches, blueprints, diagrams, and/or building codes.
- _____ Uses judgment and experience to adapt specifications.
- _____ Responds to frequent, new or changed instructions or specifications.
- _____ Provides guidance and instruction to others on the full range of specifications.

THE FOLLOWING IDENTIFIES THE TYPE OF MATERIALS YOU HAVE USED:

For each type of material in the following groups, choose the number that best describes your experience and/or training and put that number in the appropriate blank.

1. Have not used.
2. Use materials for the job when chosen by others.
3. Independently selects the proper materials for a job.
4. As necessary, independently makes substitutions of materials.
5. Serve as technical expert to others on the use of materials.

Electrical Work

- _____ Controls
- _____ Fixtures
- _____ Outlets
- _____ Relays
- _____ Wiring

Plumbing Work

- _____ Caulk
- _____ Elbows
- _____ Reduction couplings
- _____ Tile pipe
- _____ Traps

Welding

- _____ Alloys
- _____ Metals
- _____ Newly developed metals

Woodworking

- _____ Lumber
- _____ Paneling
- _____ Wood composite materials

Painter

- _____ Acrylic resin
- _____ Bonding agents
- _____ Enamel
- _____ Epoxy resin
- _____ Lacquer
- _____ Pre-coating materials
- _____ Shellac
- _____ Stain
- _____ Varnish
- _____ Water base polyurethans acrylic metallic paint

Air Conditioning Equipment

- _____ Commercial refrigeration
- _____ Domestic refrigeration
- _____ Industrial refrigeration

Heating and Boiler Plant Equipment

- _____ Chemicals
- _____ Fuels (coal, oil, wood, refuse derived fuel)
- _____ Pumps
- _____ Valves

THE FOLLOWING REFLECTS YOUR TROUBLESHOOTING EXPERIENCE:

Check the types of experience you have had in resolving problems.

- _____ Locate and resolve simple problems or malfunctions through sound or appearance.
- _____ Locate problems or malfunctions through detailed inspection, advanced circuit testing or diagnostics, and using testing instruments, resolve problems and malfunctions with the help of other journeyman.

_____ Locate problems or malfunctions through detailed inspection, advanced circuit testing or diagnostics, and using testing instruments, resolve problems and malfunctions by oneself.

_____ Locate and diagnose difficult problems or malfunctions requiring specialized knowledge.

_____ Provide consultation to other workers in resolving difficult problems or malfunctions.

Have you had any work related accidents in the last:

_____ 1 year

_____ 2 years

_____ 3 years

_____ 4 years

_____ 5 years

(If yes to any of the above, please explain.)

I certify the information provided in this questionnaire is correct and accurate to the best of my knowledge.

Signature

Date