

SIOUX FALLS REGIONAL AIRPORT JOB SUMMARY

JOB TITLE: Airfield Maintenance Technician

DEPARTMENT: Maintenance

REPORTS TO: Airfield Maintenance Supervisor

PAY RATE: Starting at \$25.68/hr.

POSITION SUMMARY

The Airport Airfield Maintenance Technician ensures the safe, reliable, and compliant operation of airfield and airport facilities. The role performs snow and ice removal, heavy equipment operation, pavement and grounds maintenance, airfield markings and electrical repairs, facility upkeep, basic equipment service and preventive maintenance, and escorts contractors within secured areas.

PRIMARY JOB FUNCTIONS (Duties include, but are not limited to):

1. Operate snowplows, blowers, brooms, deicers, loaders, and dump trucks to clear runways, taxiways, aprons, ARFF routes, and access roads. Support after-action cleanup and equipment wash-down.
2. Safely operate front-end loaders, skid steers, tractors, mowers, sweepers, blowers, and forklifts for airfield and facility maintenance.
3. Lay out, apply, and maintain runway/taxiway/apron markings in accordance with FAA standards and airport specifications. Prepare surfaces (cleaning, blowing, bead application, and curing/quality checks).
4. Assist with troubleshooting, repair, and replacement of airfield lighting/signage components (e.g., edge lights, guidance signs, PAPI/VASI lamps, bases, transformers).
5. Perform asphalt/concrete patching, crack sealing, joint repair, and spall repair.
6. Mow and trim safety areas, maintain clear zones, and control vegetation around NAVAIDs, signs, fences, and drainage structures.
7. Maintain airfield perimeter fencing and gates; repair signage and barricades.
8. Perform basic PMs (fluids, filters, blades, tires, belts), lubrication, cleaning, and documentation. Identify and report mechanical issues.
9. Complete work orders, inspection logs, equipment checklists, time records, and inventory tracking.
10. Use radios and mobile devices professionally and clearly; escalate hazards promptly.

JOB QUALIFICATIONS:

1. High school diploma or GED.
2. Minimum of 1–3 years of relevant experience in maintenance, construction, public works, utilities, airport operations, or a closely related field.
3. Valid driver's license with acceptable driving record.
4. Ability to obtain and maintain a Security Identification Display Area (SIDA) badge, which

- requires passing a 10-year background check.
- 5. Basic mechanical aptitude; safe equipment operation; understanding of workplace safety; ability to read/interpret operators manuals.
- 6. Ability to work rotating shifts, extended hours during weather events, and respond to callouts.
- 7. Ability to read, write, and speak English fluently, ensuring clarity in safety-critical communications.
- 8. Strong situational awareness on the airfield; clear radio etiquette and communications.
- 9. Problem-solving under time and weather pressure; attention to detail and documentation accuracy.
- 10. Regularly required to stand, walk, bend, kneel, crouch, climb, and work on uneven terrain.
- 11. Lift, carry, push, and pull up to 50 lbs frequently; occasionally up to 75 lbs with assistance.
- 12. Tolerance for noise, vibration, fumes, dust, and outdoor exposure in all weather conditions.
- 13. Ability to work at heights, in confined spaces, and around moving mechanical equipment.
- 14. Vision adequate for color recognition of markings/lights and depth perception for equipment operation; ability to wear required PPE (hearing/eye protection, high-visibility apparel, etc.).

WORK SCHEDULES:

This position requires flexibility to support airport operations under all conditions. Normal coverage includes day and night shifts to maintain 24/7 operational readiness. The role includes 24-hour coverage during snow and ice events, which may involve working weekends, holidays, and scheduled days off. Applicants must be willing to work any and all shifts during inclement weather and respond to callouts as needed for operational requirements.

BENEFITS:

- 1. Health, Vision, and Dental Insurance
- 2. Life Insurance and Disability Coverage
- 3. Retirement under the South Dakota Retirement System (Pension) with an employer 6% match
- 4. Vacation, Paid Time Off (PTO), and Sick Leave
- 5. Uniforms and PPE provided
- 6. Training and certification support

HOW TO APPLY:

Submit your application to Kristin Elgersma at kristin.elgersma@sfairport.com with a résumé and references. This position is open until filled.