

WAGE GRADE CAREER PATH

WG 4204

PIPEFITTER

This occupation covers nonsupervisory jobs involved in the installation, maintenance, and repair of high temperature water and high-pressure piping systems such as hydraulic, nitrogen, oxygen, steamheating, and steam-generating systems.

WG02 - Step
WG05

Part 1

Apprentice/Helper/Trainee; Trade/Less than Journeyman

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| | 1 Complete New Hire Orientation |
| | 2 Complete Civilian Training Plan requirements for current position |
| | 3 Complete task qualifications for current position |
| | 4 Complete task certifications for current position |
| | 5 Master simple to common work tasks under supervision |
| | 6 Maintain successful to above average performance ratings |

Part 3

Journeyman

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| | 1 Continue required on-the-job and formal classroom training required in Civilian Training Plan |
| | 2 Complete task qualifications for current position |
| | 3 Complete task certifications for current position |
| | 4 Master common to complex work tasks. At Grade 10, The work involves installing, modifying, and repairing new and existing high-pressure piping systems and equipment such as steamheating, steam generation, and hydraulic systems, steam generators, flash and expansion tanks, condensate, vacuum, and circulating pumps, and radiators. The pipefitters work from building plans, blueprints, and sketches to plan and lay out the routing, placement, pitch, elevation, pressure reduction, expansion, and operation of various piping systems and equipment. They install, modify, and repair systems like those described above by setting up system routes, placing and cutting route openings, placing hangers for proper pitch and elevation, and determining and installing such things as risers, flexible branches, expansion joints, pumps, gauges, and pressure regulators in the combination needed to support the pressures of the systems and that ensure the proper operation of the systems. The pipefitters also install equipment like that described above by planning and completing the routing and placement of systems leading to the equipment, determining and placing the equipment at the proper levels and points in the systems, and joining, sealing, and testing systems and equipment for proper pressures, leak-free joints, and operation |
| | 7 Provide production support services |
| | 8 Maintain successful to above average performance ratings |

This list is not all inclusive. For more information on your series, visit the OPM site below. Copy and paste the link in your browser.

[OPM Classification Standards](#)