

Revised
Work Process Schedule – Time-Based
PIPEFITTER/STEAMFITTER

O*NET-SOC CODE: 47-2152.01 RAPIDS CODE: 0414

**Alternative Titles: Building Trades Pipefitter/Steamfitter, Pipe Welder, Gas Fitter,
Welder-Fitter**

This craft specific schedule is attached to and is part of these Apprenticeship Standards for the above listed occupation and alternative titles.

1. Term of Apprenticeship:

The term of the occupation will be five (5) years with an on-the-job-learning (OJL) attainment of a minimum 8,500 hours, which shall be supplemented by the required hours of instruction.

2. Ratio of Apprentices to Journeyworkers:

The ratio of apprentice worker to the skilled journeyworker shall be determined by the local collective bargaining agreement.

3. Apprentice Wage Schedule:

All apprentices shall be paid a progressively increasing schedule of wages based on a percentage of the current journeyworker's wage rate or as defined by the local collective bargaining agreement.

Example: Term 8,500 hours

1 st	850 hours=45% of a journeyworker's rate
2 nd	850 hours=50% of a journeyworker's rate
3 rd	850 hours=55% of a journeyworker's rate
4 th	850 hours=60% of a journeyworker's rate
5 th	850 hours=65% of a journeyworker's rate
6 th	850 hours=70% of a journeyworker's rate
7 th	850 hours=75% of a journeyworker's rate
8 th	850 hours=80% of a journeyworker's rate
9 th	850 hours=85% of a journeyworker's rate
10 th	850 hours=90% of a journeyworker's rate

4. Schedule of Work Experience: (See attached Work Process Schedule)

Each apprentice shall receive instruction and work experience in all aspects of the occupation as listed in the work process schedule, which is attached, and made a part of, these standards. To permit the flexibility necessary to the sponsor's normal business operation, work process activities need not occur precisely in the order listed, nor do the scheduled hours in any activity need to be continuous. A record of work and training hours under each category of the work process shall be maintained for every apprentice. The JATC may modify or alter the work processes

to meet specific local needs prior to submitting these Standards to the appropriate registration agency for approval.

5. Schedule of Related Instruction: (See attached Related Instruction Outline)

Each apprentice shall be required to receive at least ___ hours of related instruction (RI) in subjects related to the occupation for each year of training on the job. The apprentice may or may not be compensated for hours spent in RI outside of regular working hours. RI will be provided by utilizing various methods of instruction such as traditional classroom (lecture, discussion), electronic media (including, but not limited to: online training, distance learning) and practical (hands on) learning. Related instruction will include a mechanism to verify satisfactory understanding (assessment) of the subject matter. Curriculum will be both skill and knowledge based upon accepted industry standards and practices. Each apprentice shall maintain an achievement grade in related instruction of at least 70 percent, in order to advance to each level of the apprenticeship.

Revised
Work Process Schedule - Hybrid
PIPEFITTER/STEAMFITTER

O*NET-SOC CODE: 47-2152.01 RAPIDS CODE: 0414HY

**Alternative Titles: Building Trades Pipefitter/Steamfitter; Pipe Welder, Gas Fitter,
Welder-Fitter**

This craft specific schedule is attached to and is part of these Apprenticeship Standards for the above listed occupation and alternative titles.

1. Term of Apprenticeship:

The term of the occupation will be five (5) years with an on-the-job-learning (OJL) attainment of 8,500 to 10,000 hours, which shall be supplemented by the required hours of instruction.

2. Ratio of Apprentices to Journeyworkers:

The ratio of apprentice workers to the skilled journeyworkers shall be determined by the local collective bargaining agreement.

3. Apprentice Wage Schedule:

All apprentices shall be paid a progressively increasing schedule of wages based on a percentage of the current journeyworker wage rate or as defined by the local collective bargaining agreement.

Example: Term 8,500 - 10,000 hours

1 st	850 - 1000 hours=45% of a journeyworker's rate
2 nd	850 - 1000 hours=50% of a journeyworker's rate
3 rd	850 - 1000 hours=55% of a journeyworker's rate
4 th	850 - 1000 hours=60% of a journeyworker's rate
5 th	850 - 1000 hours=65% of a journeyworker's rate
6 th	850 - 1000 hours=70% of a journeyworker's rate
7 th	850 - 1000 hours=75% of a journeyworker's rate
8 th	850 - 1000 hours=80% of a journeyworker's rate
9 th	850 - 1000 hours=85% of a journeyworker's rate
10 th	850 - 1000 hours=90% of a journeyworker's rate

4. Schedule of Work Experience: (See attached Work Process Schedule)

Each apprentice shall receive instruction and work experience in all aspects of the occupation as listed in the work process schedule, which is attached, and made a part of, these standards. To permit the flexibility necessary to the sponsor's normal business operation, work process activities need not occur precisely in the order listed, nor do the scheduled hours in any activity need to be continuous. A record of work and training hours under each category of the work process shall be maintained for every apprentice. The JATC may modify or alter the work processes

to meet specific local needs prior to submitting these Standards to the appropriate registration agency for approval.

5. Schedule of Related Instruction: (See attached Related Instruction Outline)

Each apprentice shall be required to receive at least ___ hours of related instruction (RI) in subjects related to the occupation for each year of training on the job. The apprentice may or may not be compensated for hours spent in RI outside of regular working hours. RI will be provided by utilizing various methods of instruction such as traditional classroom (lecture, discussion), electronic media (including, but not limited to: online training, distance learning) and practical (hands on) learning. Related instruction will include a mechanism to verify satisfactory understanding (assessment) of the subject matter. Curriculum will be both skill and knowledge based upon accepted industry standards and practices. Each apprentice shall maintain an achievement grade in related instruction of at least 70 percent, in order to advance to each level of the apprenticeship.