

Boiler Inspector Quantitative Core Competencies

The Quantitative Core Competencies must be obtained in the order as outlined below:

Pay Step 1:

The performance expectation for a new Boiler Inspector by the end of the one year probationary period is:

- complete the one year probation and fulfill probation requirements
- achieve 5 inspections at least 70% of workdays and
- achieve a complaint response time of 10 days or less in 75% of cases and
- follow-up on orders or violations to correct in 75% of the cases

Pay Step 2:

To advance to Boiler Inspector – step 2, an inspector at Step 1 must achieve the following for at least 3 consecutive months prior to advancement into the next pay step:

- achieve 5 inspections at least 70% of workdays and
- achieve a complaint response time of 10 days or less in 75% of cases and
- follow up on orders or violations to correct in 75% of the cases
- inspector must pass a Milwaukee Code of Ordinances open code exam

The inspector must have completed the Step 1 Qualitative requirements and one additional set of Qualitative requirements.

A Boiler Inspector at step two must demonstrate a thorough knowledge pertaining to the fundamentals of performing inspections of Boiler equipment and pressure vessels. In addition, a Boiler Inspector at step 2 will begin to expand their knowledge on the aspects of thermodynamics and design of the vessels that are being inspected.

Pay Step 3:

To advance to Boiler Inspector – step 3, an inspector at Step 2 must achieve the following for at least 3 consecutive months prior to advancement into the next pay step:

- achieve 6 inspections at least 70 % of workdays and
- achieve a complaint response time of 10 days or less in 80 % of cases and
- follow up on orders or violations to correct in 75% of the cases
- inspector must complete the Milwaukee Public Library offered Computer Course titled “Email Basics”, or an equivalent course.

The inspector must have completed the Step 1 Qualitative requirements and two additional sets of Qualitative requirements.

An inspector at this level expands on aspects of knowledge pertaining to energy, fundamentals of heating and refrigeration systems as well as begins to cross train in other areas where DNS inspections would coincide such as beginning to recognize the requirements associated with having backflow prevention devices to protect the water supply from becoming contaminated from the boilers. It is intended at this level that a Boiler Inspector begin to become more specialized in the field of mechanical equipment associated with a buildings mechanical systems.

Pay Step 4:

To advance to Boiler Inspector – step 4, an inspector at Step 3 must achieve the following for at least 3 consecutive months prior to advancement into the next pay step:

- achieve 6 inspections at least 75% of workdays and
- achieve a complaint response time of 10 work days or less in 85% of cases and
- follow up on orders or violations to correct in 80% of the cases

-inspector must complete the Milwaukee Public Library offered Computer Course titled “Intro to Word”, or an equivalent course.

The inspector must have completed the Step 1 Qualitative requirements and three additional sets of Qualitative requirements.

An inspector moving from step three to step four, should be highly knowledgeable in mechanical systems and energy requirements that are present and fundamental in every building.

Pay Step 5:

To advance to Boiler Inspector – step 5, an inspector at Step 4 must achieve the following for at least 3 consecutive months prior to advancement into the next pay step:

- achieve 6 inspections at least 80% of workdays and
- achieve a complaint response time of 10 days or less in 90% of cases and
- follow up on orders or violations to correct in 85% of the cases
- inspector must complete the Milwaukee Public Library offered Computer Course titled “Intro to Excel”, or an equivalent course.

The inspector must have completed the Step 1 Qualitative requirements and four additional sets of Qualitative requirements.

Pay Step 6:

To advance to Boiler Inspector – step 6, an inspector at Step 5 must achieve the following for at least 3 consecutive months prior to advancement into the next pay step:

- achieve 6 inspections at least 80% of workdays and
- achieve a complaint response time of 10 days or less in 90% of cases and
- follow up on orders or violations to correct 90% of cases

The inspector must have completed the Step 1 Qualitative requirements and five additional sets of Qualitative requirements.

An inspector at step six must demonstrate a thorough knowledge of performing complex boiler, pressure vessel and mechanical refrigeration inspections and plan reviews involving all applicable codes, standards and construction methodology. An inspector at step six must demonstrate innate public communication skills and actively participate mentoring less senior inspectors. An inspector achieving step six will possess both core competencies as well as specialized competencies in a wide variety of boiler or construction regulations.

NOTES

For the above Steps in the Boiler Inspector Career Ladder and all Trades Division Career Ladders “Follow-up on orders” means:

- 1) Open orders in which the order due date (plus any extensions) has been timely reinspected (30 days or less from due date, or extended due date).
- 2) The order has been acted upon, order has been abated, referred for to court action, moved into the monthly reinspection program, referred to contractor, record closed or dismissed.