

Information Bulletin No. IB23-006

March 24, 2023

INTERPRETATION
Power Engineers Regulation Subsection 22.2(4)(b)
Operating Experience for Fired Process Heater Operator's
Certificate of Competency Candidates

This Information Bulletin replaces IB16-015 Rev.1 which has been withdrawn.

Introduction

The Fired Process Heater Operator's Certificate of Competency was introduced with the 2013 amendments to the *Power Engineers Regulation*. Section 22.2 addresses the qualification process. To qualify for a Fired Process Heater Operator's Certificate of Competency a candidate must pass the examination and obtain operating experience in accordance with subsection 22.2(4) which states:

(4) A candidate is qualified for a Fired Process Heater Operator's Certificate of Competency after having

(a) passed the Fired Process Heater Operator's Certificate of Competency examination in accordance with this section, and

(b) been employed for a period of

(i) 12 months assisting in the operation of a thermal liquid heating system, a power plant referred to in section 2.1(1) or an equivalent power plant that is satisfactory to the Administrator, or

(ii) 24 months assisting in the operation of a pressure plant that is satisfactory to the Administrator.

Interpretation

Subsection 22.2(4)(b)(i) "equivalent power plant" operating experience

12 months assisting in the operation of a power plant referred to in section 2.1(2) is equivalent power plant experience satisfactory to the Administrator. This is a power plant that uses a water-glycol mixture with a minimum of 40% glycol and which is eligible for reduced supervision operation.

Subsection 22.2(4)(b)(ii) “pressure plant” operating experience

24 months assisting in the operation of a pressure plant that includes:

- 1) pressure piping built to a registered design,
 - 2) pressure vessels, and
 - 3) one or more fired process heaters used to heat a liquid other than water is
- pressure plant experience satisfactory to the Administrator. The pressure plant must include all three types of equipment listed above.

Combined experience

It is acceptable for the candidate to obtain experience in a power plant and a pressure plant. In this case, the experience required is 24 months total, but each month of power plant experience is counted as two months operating experience.

Evidence of Operating Experience

The candidate shall provide the details of their operating experience by completing the *Declaration For Power Engineers Experience* form (ABSA document AB-66(a)). The operating experience shall be certified by the senior company official responsible for the facility operation or by the chief power engineer if the facility is supervised by a chief power engineer.

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