

APPENDIX-II

Qualification and Experience of Inspector or component person

Sr.No.	Rule under which competency is recognized	Qualification and other requirements	Experience for the purpose	Minimum facilities
1.	Rules 12(3)	<p>1. Degree in Chemical or Mechanical or Metallurgical or Marine Engineering from a recognized university of equivalent professional qualifications.</p> <p>2. Physically fit and mentally sound for carrying out tests and examination.</p>	<p>1. Minimum experience of 10 years in design and stagewise fabrication or installation of petroleum tanks and operation and maintenance of petroleum storage installations.</p> <p>2. He shall be --</p> <p>(a) Conversant with the relevant codes of fabrication and test procedures relating to pressure vessels and their fitting.</p> <p>(b) Conversant with the statutory requirements concerning design and safety of unfired pressure vessels.</p>	<p>Standard gauges and instruments conforming to national/international standards for test and examination at every stage of fabrication. Either the inspector shall have these or these shall be available to him. The Inspector shall be responsible for ensuring the quality and accuracy of these gauges and instruments used by him. A documented system to ensure this shall be inspector.</p>
2.	Rules 18,19,33,43 and 44	<p>1. Degree in Chemical or Mechanical or Metallurgical or Marine Engineering or equivalent professional qualifications.</p> <p>2. Physically fit and mentally sound for carrying out tests and examination.</p>	<p>1. Minimum experience of 10 years in –</p> <p>(a) Design and fabrication, erection, operation, maintenance and;</p> <p>(b) Testing examination and inspection of pressure vessels or equipment operating under pressure.</p> <p>2. He shall be—</p> <p>(a) Conversant with the relevant codes of practice and test procedures relating to pressure vessels.</p> <p>(b) Conversant with the statutory requirements concerning safety of unfired pressure vessels, installations and transport vehicles.</p>	<p>Standard gauges , pumps and gadgets for hydraulic and pneumatic pressure tests, non-destructive tests , equipments for ultrasonic thickness test, ultrasonic flaw detection , magnetic particle inspection and any other test that may be require by Chief Controller in specific cases .Either the Competent Person shall be responsible for ensuring the quality</p>

			<p>(c) Conversant with non – destructive testing techniques as are applicable to pressure vessels;</p> <p>(d) Able to identify defects and arrive at a reliable conclusion, with regard to the safety of pressure vessels.</p>	<p>and accuracy of the gauges and equipments and the competence of any person that may be employed performing a non-destructive test.</p>
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