

# **NRPP Mitigation Specialist Exam 150 questions**

Below are the two sections of the exam and the domains and subdomains with % of the exam questions and number of questions in each domain.

## **Mitigation Installer:**

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|--|------------|
| <b>Domain 1: Communicate with the Client</b>                   | <b>14%</b> |
| 1.1 Explain basic radon risk as per EPA documents              | 4          |
| 1.2 Describe radon entry behavior                              | 4          |
| 1.3 Describe work scope and potential hazards                  | 4          |
| <b>Domain 2: Identify Radon Entry Points</b>                   | <b>17%</b> |
| 2.1 Identify and record construction characteristics           | 5          |
| 2.2 Identify radon pathways                                    | 5          |
| 2.3 Identify driving forces                                    | 4          |
| <b>Domain 3: Maintain Jobsite Safety</b>                       | <b>15%</b> |
| 3.1 Identify jobsite hazards                                   | 6          |
| 3.2 Implement jobsite safety measures                          | 7          |
| <b>Domain 4: Implement Mitigation Installation Strategy</b>    | <b>30%</b> |
| 4.1 Install sub-membrane system                                | 4          |
| 4.2 Apply ASD to existing water drainage systems               | 3          |
| 4.3 Install sub-slab system                                    | 4          |
| 4.4 Install radon fan and vent piping                          | 4          |
| 4.5 Seal foundation openings to improve ASD                    | 4          |
| 4.6 Apply ASD to multiple foundations and types                | 3          |
| 4.7 Install ASD in new home construction                       | 3          |
| <b>Domain 5: Perform Post-Installation Tasks</b>               | <b>16%</b> |
| 5.1 Characterize the system                                    | 7          |
| 5.2 Provide information to homeowner                           | 7          |
| <b>Domain 6: Operate in an Ethical and Professional Manner</b> | <b>8%</b>  |
| 5.1 Sustain ethical approach to clients                        | 4          |
| 5.2 Sustain ethical approaches in business                     | 3          |

# Mitigation Specialist:

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|---|--|------------|
| <b>Domain 1: Communicate Basic Radon Science</b>                                |  | <b>10%</b> |
| 1.1   | Communicate health risk (employee and client)                          | 3          |
| 1.2   | Communicate radon entry behavior                                       | 3          |
| <b>Domain 2: Evaluate Pre-Mitigation Measurement</b>                            |  | <b>9%</b>  |
| 2.1   | Evaluate pre-mitigation tests and perform diagnostics                  | 6          |
| <b>Domain 3: Design Radon Mitigation System</b>                                 |  | <b>24%</b> |
| 3.1   | Design sub-slab depressurization system                                | 3          |
| 3.2   | Design sub-membrane depressurization system                            | 2          |
| 3.3   | Design crawlspace depressurization system                              | 2          |
| 3.4   | Design ASD connected to drainage system                                | 3          |
| 3.5   | Design fan and piping system   | 3          |
| 3.6   | Design soil pressurization system                                      | 1          |
| 3.7   | Design block wall depressurization systems                             | 1          |
| 3.8   | Design residential mitigation systems in new construction              | 1          |
| <b>Domain 4: Validate Post-Installation Data</b>                                |  | <b>10%</b> |
| 4.1   | Ensure post-mitigation radon test is performed to verify effectiveness | 2          |
| 4.2   | Conduct PPE and airflow tests to verify performance                    | 3          |
| 4.3   | Construct OM&M plan  | 2          |
| <b>Domain 5: Troubleshooting System Problems / Implement Corrective Actions</b> |  | <b>17%</b> |
| 5.1   | Identify airflow and PPE limitations                                   | 4          |
| 5.2   | Review hourly radon data for failure caused by external conditions     | 3          |
| 5.3   | Identify untreated foundation areas as contributing radon sources      | 4          |
| <b>Domain 6: Develop / Maintain Worker Health and Safety Plan</b>               |  | <b>9%</b>  |
| 6.1   | Establish radon exposure plan  | 3          |
| 6.2   | Develop and implement jobsite safety plan                              | 3          |

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|---|--|------------|
| <b>Domain 7: Maintain Mitigation Quality Assurance Plan</b> |  | <b>10%</b> |
| <b>7.1</b>  | Maintain job installation records      | 4          |
| <b>7.2</b>  | Maintain employee records              | 3          |
| <b>7.3</b>  | Manage staff training                  | 3          |
| <b>Domain 8: Operate in an Ethical/Professional Manner</b>  |  | <b>8%</b>  |
| <b>8.1</b>  | Sustain ethical approach to clients    | 4          |
| <b>8.2</b>  | Sustain ethical approaches in business | 4          |