**Rubric: Conductor Selections and Calculations**

|  |  |  |  |
| --- | --- | --- | --- |
|  | **10** | **5** | **0** |
| **Applicability** | The conductors chosen were appropriate for the given sample residence. | The conductors chosen were adequate, but not perfectly suited, for the given sample residence. | The conductors chosen were inappropriate for the given sample residence. |
| **Presence of Reasoning** | Reasons were given for all types of materials chosen. | Reasons were given for some types of materials chosen. | No reasons were given for materials chosen. |
| **Sense of Reasoning** | All reasons reflected understanding of content presented. | Some reasons reflected understanding of content presented. | Reasons failed to reflect understanding of content presented. |
| **Accuracy of Estimation** | All calculations were correct and appropriate for the electrical load. | Some calculations were incorrect and/or inappropriate for the electrical load. | Most or all calculations were incorrect and/or inappropriate for the electrical load. |
| **Writing Conventions** | Writing was free of spelling, punctuation, and grammar mistakes. | Writing had a few spelling, punctuation, and grammar mistakes. | Writing had many spelling, punctuation, and grammar mistakes. |

**Total: \_\_\_\_\_ / 50**