**AS 90935 (v3) Marking Grid**

Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Grade:\_\_\_\_\_\_\_\_\_

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| --- | --- | --- | --- |
| **Procedure** | **A** | **M** | **E** |
| Reasonable description of method |  |  |  |
| Independent variable – relevant, units, reasonable range, 4+ values |  |  |  |
| Dependent variable – relevant, units |  |  |  |
| Controlled all variables that have significant effect on results |  |  |  |
| Method includes 2 techniques to improve accuracy |  |  |  |
| **Gathering Information** |
| Primary data collected by the student |  |  |  |
| Measurements of variables reasonably accurate |  |  |  |
| Accuracy improving techniques correctly processed |  |  |  |
| **Analysing data** |
| Data has correct units in table or on graph axes |  |  |  |
| Data mostly plotted correctly (3/5) |  |  |  |
| Straight line of best fit drawn |  |  |  |
| Straight line drawn that is valid for the data |  |  |  |
| Gradient calculation valid |  |  |  |
| **Conclusion** |
| Correct statement links processed data to identified trend on the graph |  |  |  |
| Equation correct  |  |  |  |
| **Discussion (2 of these)** |
| Independent variable range justified |  |  |  |
| Controlled variables justified  |  |  |  |
| Accuracy improving techniques explained & justified  |  |  |  |
| Description of how difficulties overcome |  |  |  |
| Unexpected issue explained |  |  |  |
| Principles of physics linked to findings |  |  |  |

Comment/Note: