

6. PIEZO IGNITION

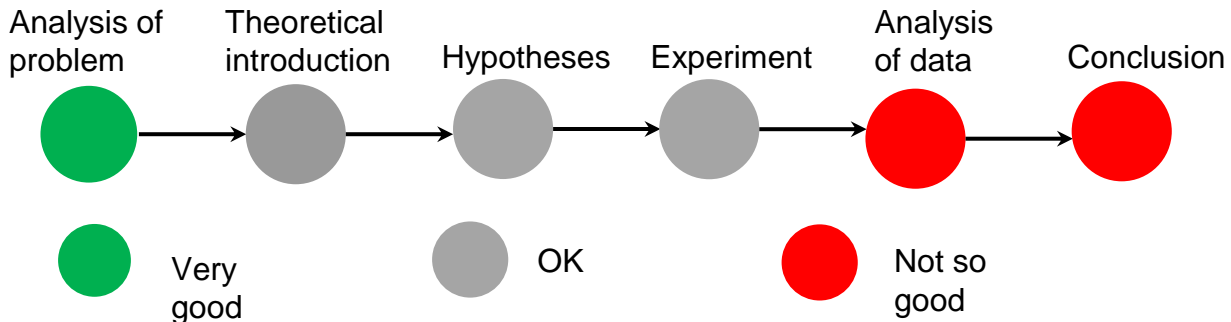
Team Croatia
Reviewer: Đurđica Kovačić



REPORTER

- well explained stressing, crystals and piezoelectricity
- unclear source of hypotheses - lacking correlation with theory
- different sizes of crystals **BUT** used only **one** type of crystal
- unclear explanation of mechanical stress - explained it in clarifying questions
- **no repetition** of same voltage - **no error bars** !
- x and y axes - not labeled - **no quantitative units of measurement** !
- **no quantitative measurement of crystal (could have measured volume)**

- only one graph showed - therefore, unclear results
- *no clear conclusions* based on experiment



OPPONENT

- only asked a few clarifying question
- did not focus on the experiment or scientific methods used
- noticed that there were no repetitions
- noticed lack of practical research
- **missed very large errors !**
 - - no measurements of the size of crystals, only one graphical result etc.
- focused on only one point - impurities

DISCUSSION

- Used factory crystals:
would not have made a difference if the reporter would use factory crystals - agree with the reporter

asked about the circumstances:
controlled parameters - no conclusion

asked about the temperature:
no conclusion made - the reporter explained it in the theory

poorly planned out **discussion points**
no significant conclusions made in the discussion

THANK YOU!

Team Croatia
Reviewer: Đurđica Kovačić

