

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

Overall:

**SNC 2DI - Acetylene Lab Report**

Title Page:

<u>Title page</u>	Level 4 -all appropriate info is listed in a well-organized manner -title is descriptive and appropriate	Level 3 -all appropriate info is included and title gives reader the main idea of the lab	Level 2 -missing some information or title lacks clarity	Level 1 -missing major component(s)	Level R -insufficient
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Purpose/Hypothesis:

<u>Purpose/ Hypothesis</u>	Level 4 - accurately states purpose - predicts relationship between variables and thoroughly justifies prediction	Level 3 - accurate purpose and prediction of relationship with minimal explanation	Level 2 - purpose or hypothesis are mentioned with no explanation	Level 1 - purpose or hypothesis has not captured the main idea of the lab	Level R -purpose or hypothesis are missing
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Materials and Procedure:

<u>Materials</u>	Level 4 -all included, specific with quantities -flawless -WHMIS warnings included	Level 3 -minor error(s) or omission(s)	Level 2 -some parts are vague, but has most of the details	Level 1 -missing materials or extremely vague	Level R -incomplete or insufficient
<u>Procedure - Clear, Complete and Concise</u>	Level 4 -easy to understand -contains all steps in proper order -summarized with appropriate detail -disposal instructions included	Level 3 -mostly easy to understand -small details may be implied -summary may be more concise	Level 2 -steps may not be clear -significant steps may be implied or missing -summary could be much more concise	Level 1 -difficult to understand -many assumptions must be made, or steps are out of order -overly wordy or too concise	Level R -extremely difficult to replicate experiment using this procedure

Results:

<u>Qualitative Data</u>	Level 4 -experimental data is presented in an organized fashion with appropriate detail and terminology	Level 3 -experimental data is presented in an organized fashion with adequate detail included	Level 2 -some disorganization or lack of clarity in observations	Level 1 -disorganized or missing crucial observations	Level R -insufficient at this level
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Discussion

<u>Equations</u>	Level 4 -equations are flawless -properly balanced and include states -a brief statement introduces each equation	Level 3 -equations are properly balanced with minor omissions	Level 2 -equations are fairly well done with minor errors	Level 1 -equations have major errors	Level R -equations are incomplete
<u>Questions</u>	Level 4 -all questions are answered accurately and thoroughly explained	Level 3 -most questions are answered accurately and briefly explained	Level 2 -most questions are answered accurately with some errors or no explanation	Level 1 -some questions are answered correctly while others have major errors	Level R -answers to questions are incomplete or incorrect

Conclusion:

<u>Statement of Conclusion</u>	Level 4 -answers purpose, evaluates hypothesis and fully explains results	Level 3 - answers purpose, evaluates hypothesis and briefly states results as support	Level 2 -answers purpose, and hypothesis but does not explain results	Level 1 - conclusion is too brief and missing some sections	Level R -not included or insufficient
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Error Analysis:

<u>Errors Explained</u>	Level 4 - multiple appropriate errors are fully explained and possible solutions are presented -detail is excellent	Level 3 - appropriate errors and their impacts are discussed - solutions are reasonable -detail is good	Level 2 -appropriate errors are discussed but their impact or solution is missing or inaccurate -detail is sufficient	Level 1 -some errors are discussed with little mention of impact or solution -detail is lacking	Level R -significant errors are missing -detail is insufficient
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Overall Formatting

Titles (figures/tables)	Level 4 -numbered -contains all appropriate detail only	Level 3 -contains needed detail -may be wordy or contain extra detail	Level 2 -missing some detail -may be wordy or contain unneeded info	Level 1 -title is present, but only indicates what the axes show	Level R -no title
Diagrams	-diagrams are included in all appropriate places -neat, labelled and appropriate	-some diagrams are included -mostly neat, labelled and appropriate	-a diagram is included in the procedure -may be messy, unlabelled, or not useful	-a diagram is included in the procedure -it is messy, unlabelled, or not useful	-no appropriate diagram(s)
Spelling and Grammar	-essentially flawless	-very good, few errors	-sufficient, several errors	-needs work, many errors	-insufficient at this level
Format	-lab report guidelines were followed perfectly	-lab report guidelines were followed with minimal errors	-an attempt was made to follow lab report guidelines with some errors	-lab report guidelines were followed with many errors	-insufficient at this level
References	-footnotes are used when appropriate with specific reliable websites	-footnotes have been used but websites are of questionable reliability	-websites are included but not as a footnote	- an attempt to reference has been made	-no references are included