

MOST COMMON MISTAKES IN FINAL YEAR PROJECT REPORTS

NOTE:

You are advised to submit the final report at the day of Presentation but before the final printing and binding, you should get the softcopy of your report checked by the concerned advisors otherwise reports will be rejected(if it is not up to desired level).

Binding cover color must be confirmed from the Class advisor before binding. There will be single color for each report.

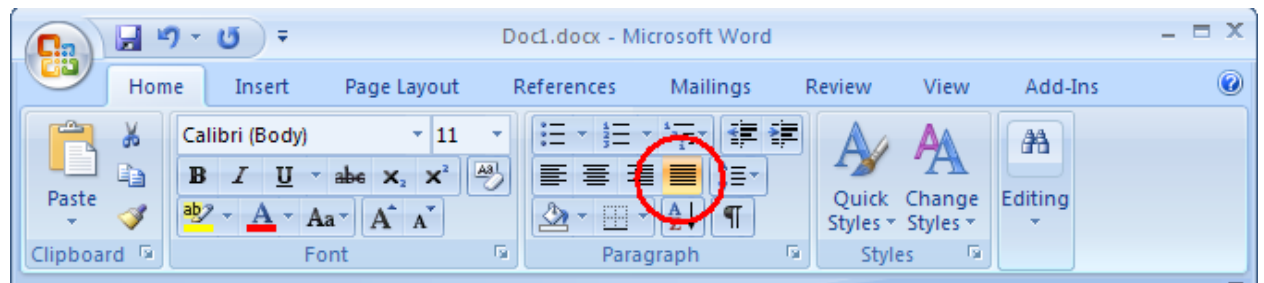
Kindly consult the below mentioned mistakes:

1) JUSTIFICATION

Text should be justified.

Unjustified

The control switch, or trigger, when pressed by the operator, initiates the wire feed, electric power, and the shielding gas flow, causing an electric arc to be struck. The contact tip, normally made of copper and sometimes chemically treated to reduce spatter, is connected to the welding power source through the power cable and transmits the electrical energy to the electrode while directing it to the weld area.



Justified

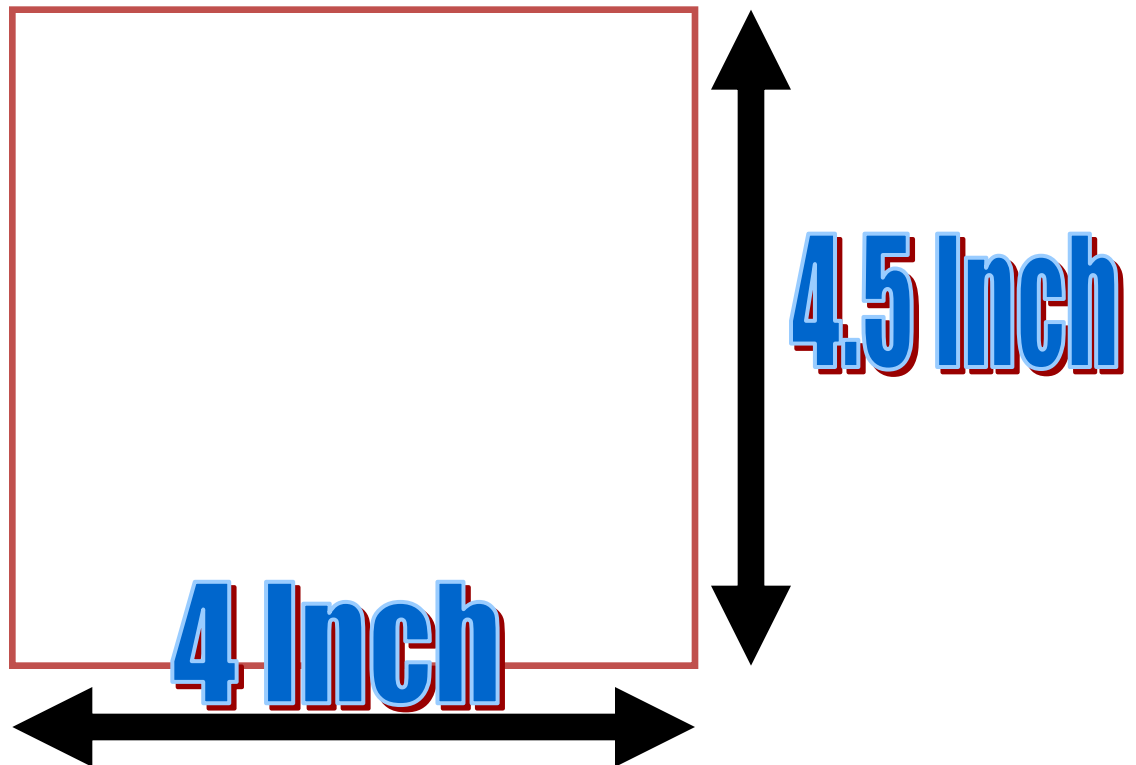
The control switch, or trigger, when pressed by the operator, initiates the wire feed, electric power, and the shielding gas flow, causing an electric arc to be struck. The contact tip, normally made of copper and sometimes chemically treated to reduce spatter, is connected to the welding power source through the power cable and transmits the electrical energy to the electrode while directing it to the weld area.

2) IMAGE SIZE

Especially SEM images should be of following sizes.

1) **4 x 4.5 inch**

2) **4.5 x 5 inch**



3) HEADER

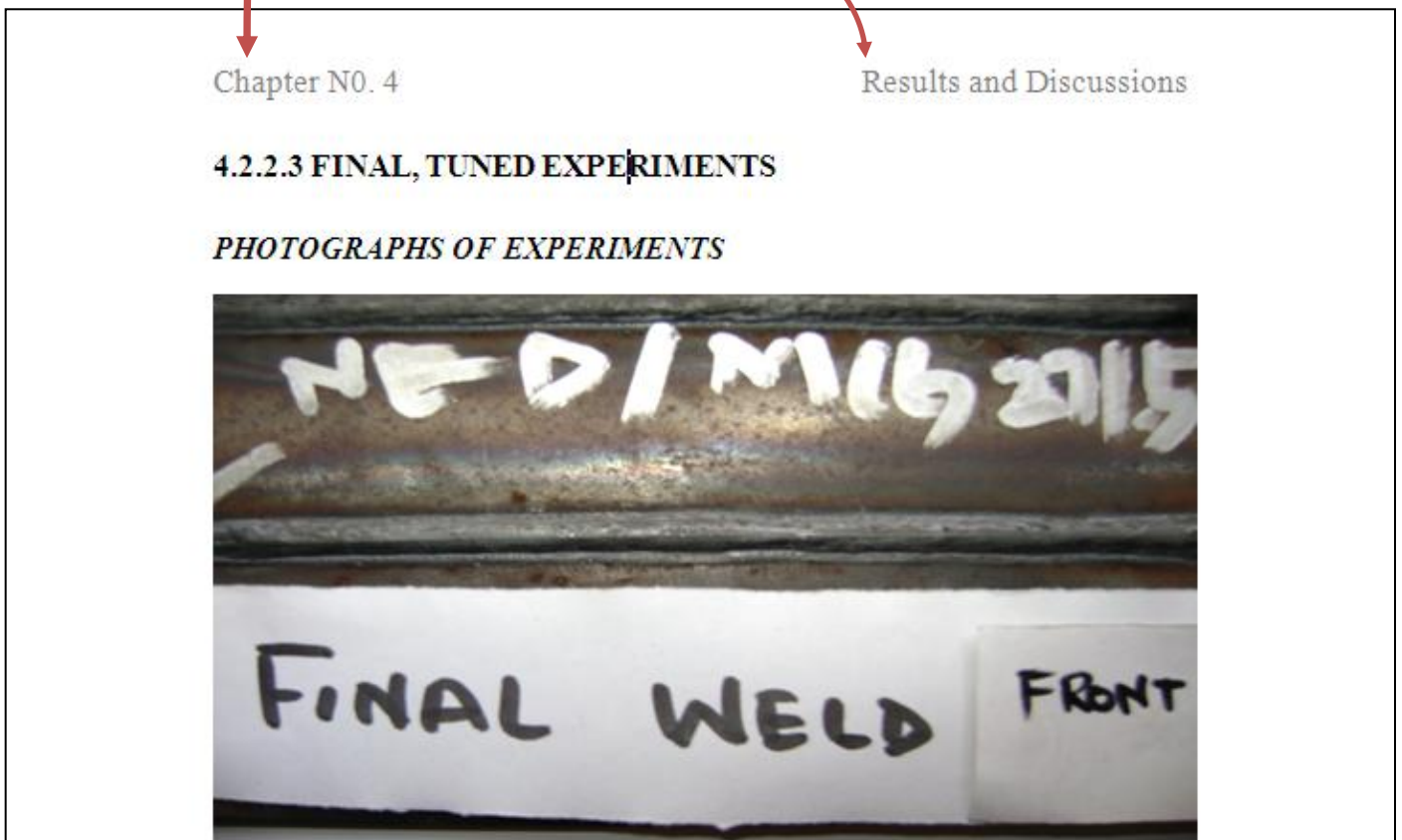
The 1 inch space left at the top should be utilized by double clicking on it (*or click Insert > Header & Footer > Header*) and inserting two types of data.

1) @ LEFT :

Chapter Number (obviously different for different chaps)

2) @ RIGHT :

Chapter TITLE (obviously different for different chaps)



4) FOOTER

The 1 inch space left at the bottom should be utilized by double clicking on it (*or click Insert > Header & Footer > footer*) and inserting two types of data.

1 @ LEFT :

Department of Materials Engineering,
NEDUET, Karachi.(same throughout)

2 @ RIGHT :

Page numbers

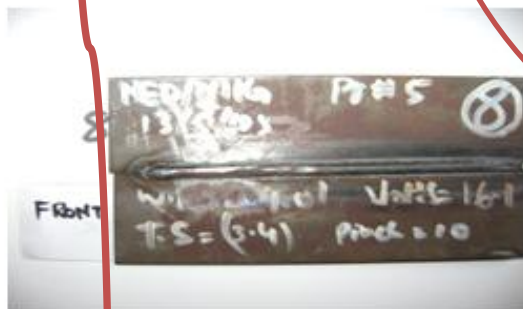


Figure 3.20 weld bead from Ex # 8 (front)



Figure 3.21 weld bead from Ex # 8 (back)

**MATERIALS ENGINEERING
DEPARTMENT**



**DEPARTMENT OF MATERIALS
ENGINEERING**



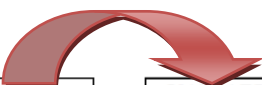
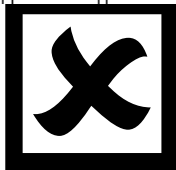
**Hope you got it... replace if you have
done this mistake...**

5) TABLES

- SIMPLE
- CENTERED
- PACKED
- WITHIN LIMIT OF PAGE STYLE.

SIMPLE

VARIABLES	Ex #	Ex #	Ex #	Ex #	Ex #
	8a	8b	8c	8d	8e
Program	5	5	5	5	5
WFS	4.01	4.01	4.01	4.01	4.01
TS	0.50	0.50	0.50	0.50	0.50
Trim / volts	21	18	17	17.2	17.9
Modulation (Arc Control)	+10	+10	+10	+10	+8
<u>Preflow</u>	1.1	1.1	1.1	1.1	1.1

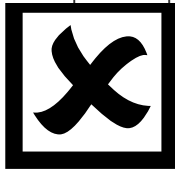



VARIABLES	Ex #	Ex #	Ex #	Ex #	Ex #
	8a	8b	8c	8d	8e
Program	5	5	5	5	5
WFS	4.01	4.01	4.01	4.01	4.01
TS	0.50	0.50	0.50	0.50	0.50
Trim / volts	21	18	17	17.2	17.9
Modulation(A rc Control)	+10	+10	+10	+10	+8



CENTERED

VARIABLES	Ex # 8a	Ex # 8b	Ex # 8c	Ex # 8d	Ex # 8e
Program	5	5	5	5	5
WFS	4.01	4.01	4.01	4.01	4.01
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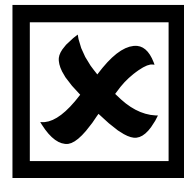




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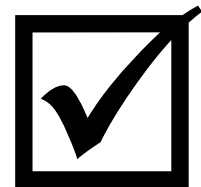


PACKED

S.no	Test Name	Ultimate Tensile	Yield
		Strength(MPa)	Strength(MPa)
1	A	1205	1112
2	B	1240	1178
3	C	1107	1009
4	D	1189	1102

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WITHIN LIMIT OF PAGE STYLE

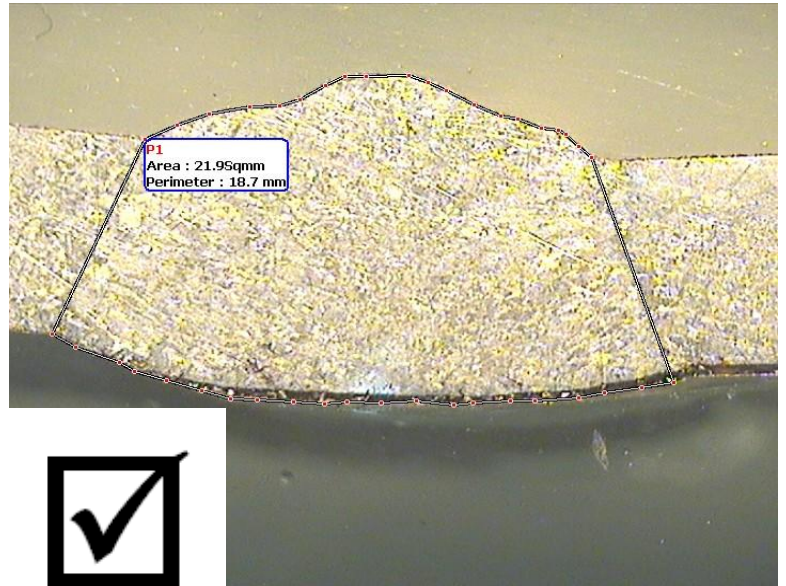
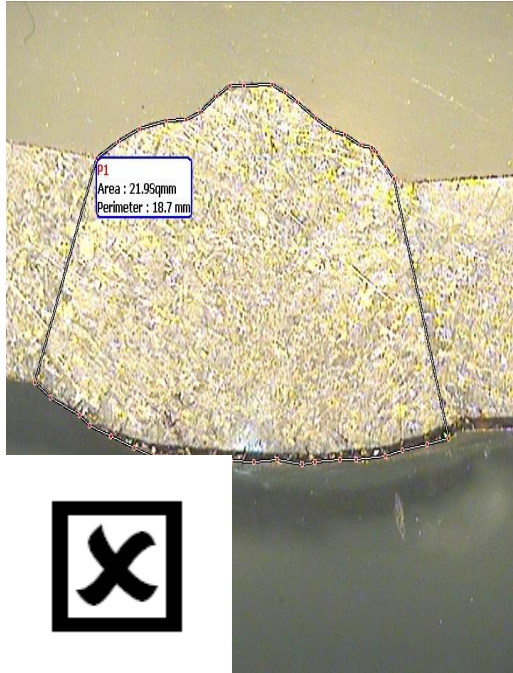
S.no	Test Name	Ultimate Tensile	Yield
		Strength(MPa)	Strength(MPa)
1	A	1189	1092
2	B	1217	1166
3	C	1114	945
	D	1199	1135
	E	1129	1095



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		Strength(MPa)	Strength(MPa)
1	A	1189	1092
2	B	1217	1166
3	C	1114	945
4	D	1199	1135
	E	1129	1095



6) ASPECT RATIO OF DIAGRAMS



7) SEQUENCING AND NUMBERING.

Pay attention to the guidelines of report writing and especially the REPORT SEQUENCING paragraph of the guidelines provided to you.

8) PAGE LAYOUT.

MUST MAINTAIN

Left hand side: 1.5",
Top: 1",

Right hand side 1"
Bottom: 1"

9) REFERENCE.

Web references of the report must be brought under the sub heading of the “WEBSITES” in the reference section.

REFERENCES

[16] [17] Suoranta, Raimo, Masters thesis, lappeenranta University of technology (2007)

[22] LastIordachescua, FirstDanut, and First Luisa Quintinob. "Steps toward a new classification of metal transfer in gas metal arc welding." *Journal of Materials Processing Technology*. 202.1-3 (2008): 391-397. Print.

[23] Weglowski, M.St., Y. Huang, and Y.M. zhang. "Effect of welding current on metal transfer in GMAW." *International Scientific Journal, Archives of Material Science and Engineering*. 33.1 (2008): 49-56. Print.

[1] "Plasma arc welding." *nation master.com*. N.p., n.d. Web. 7 Dec 2010. <www.statemaster.com/encyclopedia/Plasma-arc-welding>.

[2] "gas metal arc welding." N.p., n.d. Web. <<http://www.rotefab.com/MigTig/welderbig.jpg>>.

[3] "gas metal arc welding." N.p., n.d. Web. <<http://www.robot-welding.com/images/gmaw.gif>>.



REFERENCES

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[3] "gas metal arc welding." N.p., n.d. Web. <<http://www.robot-welding.com/images/gmaw.gif>>.



10) CAPTIONS.

TABLE CAPTIONS:

At top and centered.

FIGURE CAPTIONS:

At bottom and centered.

11) DISCUSSION OF TABLE or FIGURE.

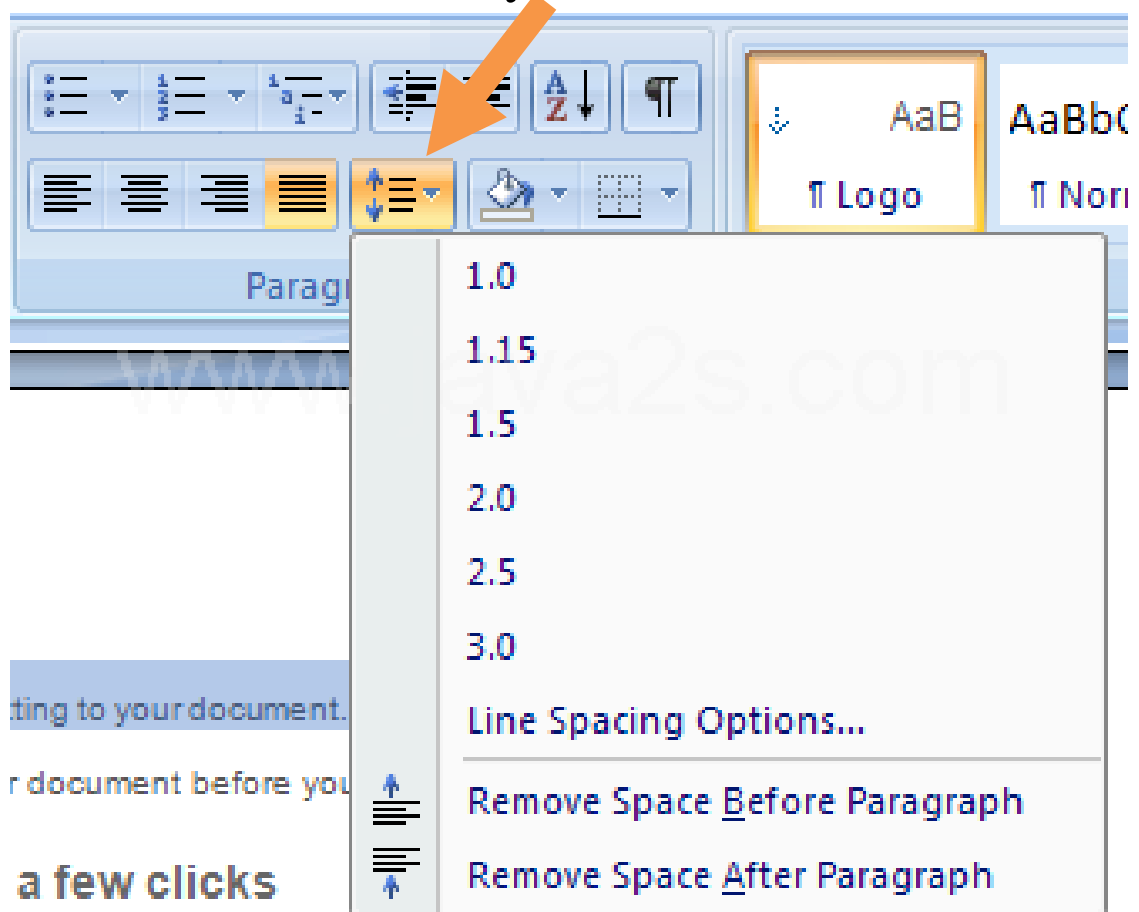
The table or figure i.e added by you in the report must be properly discussed and described.

Means the there must be text adjacent to the figure or table containing the description of that.

12) SPACING.

The spacing between the paragraph and among the lines must be according to the guidelines.

It can be controlled by



13) ABREVAITION AND SYMBOLS.

If you have used any abbreviations and speicla symbols then they must be defined in a separate page (page may be added in the start or at the end of report).

14) AVOID THE USE OF WE, I, US etc.

15) CENTERING OF TITLE PAGE.

Centre the columns of NAME & SEAT No. in the title page.

16) APPENDIX.

Define the used standards in a separate page tilted as “APPENDIX”,
Define Name, code and page number...

Beside these, every report is being highlighted for mistakes, these were some common mistakes among all reports.

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