

MET 352 Engineering Design
Department of Materials and Metallurgical Engineering
South Dakota School of Mines and Technology

Short Response 5: Jan 30, 2019

Answer all questions.

1. Cite three sources of information needed to complete a design project?

Answer:

The big ones:

- Search engine (e.g. google)
- Technical Journals
- Web of science
- Google scholar
- Industry/Engineering handbooks
- ASM Metals Handbook
- Heat treaters guide
- Patent Search
- Google Patent
- USPTO
- Customer feedback
- Personal Network!!
- Colleagues, co-workers, faculty, etc.

AND

2. What is the professional expectation for treating the work and writing of others?

Check all that apply.

- a) Establish a system to keep track of all sources of information
- b) Write a concise summary for each topic in your outline using various resources you have gathered.
- c) It is acceptable to use long passages from other's writing so long as every fifth word is modified.
- d) Do not use figures without referencing their source.
- e) Create a bibliography (reference list)
- f) Organize your information and make an outline
- g) Reference your summary within the text

Answer: All except c)