**Assignment –Cite and Correct Using Risk Assessment. (A Course Project)**

We will discuss approximately 7 ~ 8 topics under unit 4 (See Course Schedule). For this assignment/project, each student is to identify two hazards for each standards/regulations we will discuss each week. Moreover, each student is to spot at least two hazards and come up with a corrective action(s) for 5 standards/regulations of your choice.

This assignment/project has THREE PARTS:

**PART 1:**
Each identified hazard should have the following components (Item 1 ~ 4 below):

1) What kind of employee exposure(s) does each hazard have? In other words, what is the hazard? Think in terms of "What ifs?" or “What could happen?” In this section, you are to describe: (a) the situation and indicate what could happen, (b) who will be at risk and what will be at risk, etc. Be sure to JUSTIFY your position/response. (4pts)

2) If you were an Occupational Safety and Health Administration (OSHA) inspector or CSHO, which standards/regulations would you cite under and WHY? You must provide exact standard (eg: 29CFR 1910.261(a)(1)(i)….) and state what it says AND relate your identified hazards with the standard/regulation. (6pts)

3) What is/are the abatement(s) or control measure(s) for each identified hazards and why? In other words, what or how would you correct this situation and WHY? It is important for you to select an appropriate corrective measure(s) to protect your employees. Again, we are here to protect human. We can’t just say “Just because.” We will need to have a good reasoning or justification as to WHY we take certain approach to protect human and property. Therefore, strong justification (use APA format when citing) is critical in this section. Moreover, this is where you must use at least two “credible” resources to support your corrective actions. (10pts)

**PART 2:**
Once you accumulated 10 hazards (two hazards/standard or topic), you are to prioritize using Risk Assessment matrix (10pts) we learned under Unit 3. Furthermore, each student will need to describe each hazard, in terms of severity and frequency AND PRIORITIZE as to which hazards need to be control the most.

**PART 3:**
Based on the above findings, you are to create 1 page report that includes above findings. Remember, one page does not necessary mean a vertical view of 8 1/2 by 11 paper. When you submit this REPORT, think in terms of you submitting this report to your boss. (This is a hands-on practice as to how you will compile a report. If you don't know how to develop a report, I encourage you to research to determine types of report and come up with your own version. Remember, most you will most likely to submit a report in a future that is not more than one page......

Summary of this assignment/project:

 Hazard 1&2 (Contains: above item 1 ~3) Total possible 20pts

 Hazard 3&4 (Contains: above item 1 ~3) Total possible 20pts

 Hazard 5&6 (Contains: above item 1 ~3) Total possible 20pts

 Hazard 7&8 (Contains: above item 1 ~3) Total possible 20pts

 Hazard 9&19 (Contains: above item 1 ~3) Total possible 20pts

 Prioritize above 10 hazards using Risk Assessment Total possible 10pts

 One page report.
**Assignment 4/Project worth TOTAL OF 120pts.**
(Due date for this assignment/project can be found in your Course Schedule.)

**IMPORTANT NOTE:** Although this assignment/project won’t be due until towards the end of the semester, your instructor will check your progress unannounced. Therefore, it is critical that you complete your task almost every week. If requested, each student MUST submit his/her findings within 12 hours via email. (With proper email heading.)

Again, please be sure to keep in mind about “a paragraph format” and SUPPORT your responses. In other words, justify your responses.

Please be sure to let me know if you have any question or find any glitches.

**Additional guidelines by teacher:**

Hello,

As you are working on your Assignment 3, I wanted to be sure that you understand what I am looking for...

So let's see if I could clarify the PART 1:

Part 1: Based on our discussions, (Reading your textbook and listening to my presentations), each student will need to look for two hazards per topic (Topics that cover within Unit 4) at your current workplace or somewhere you could visit (Eg: Friend's or family oil change shop, etc).

Eg: Look for two hazards relevant to: (a) Walking and Working Surfaces, (b) HazComm, (c) Electrical and Lockout Tagout, (d) Powered Industrial Truck, and (e) Machine Guarding.

A) Then, students are to EXPLAIN WHY each identified action/situation are hazardous? What could happen? What could go wrong under what kind of circumstances?

B) Once you explained each hazard, students are to explain as to WHO are exposed to such hazard. Don't just say workers or employees. Because if you say so, I would ask a question whether such hazards are exposed to EVERY workers including office workers or employees in remote location, etc.. Be specific and justify your response.

C) Students are then to look at each hazard from an OSHA Compliance Officer's perspective. Moreover, each student is to "cite" your hazards under a SPECIFIC OSHA standard. In other words, students are to indicate what do those hazards violated..

D) Using "Hierarchy of Control" model or discussion, you are to discuss as to HOW you would control identified hazards. When you do so, be sure to think in terms of what would be the BEST/EFFECTIVE way(s) to control those hazards? What is the most EFFECTIVE means to control? If the most effective means of control cannot be used/applied, then students must explain as to WHY the most effective control measure cannot be used. And what are you doing to do? or how are you going to control those identified hazards? Again, justify your answers.

E) Based on "risk assessment" discussion, students are to identify or assign "risk level" for each identified hazard. This can be done by looking at BOTH frequency and severity.... When students are to assign a risk level for each hazard, students MUST be able to explain as to WHY he/she selected a certain frequency and severity? What is/are the justifications?

Don't just say "Identified hazard XXXXXXX has/is Risk Level of 25 because frequency is high and severity is high..." I'm looking for WHY frequency is high and WHY severity is high?

When students explain above A ~ E, it would be much easier if each student could write their responses in a "paragraph" format. (Refer to Course Syllabus) This way, he/she will have a solid write up with solid justifications....

I hope this would help start your project. I would reread my instruction to see if what I explained in this email would help you understand better...

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