

Prince of Songkla University

Faculty of Engineering

Midterm Examination Semester 1

Academic Year : 2004

Date : August 5, 2004

Time : 9:00-12:00

Subject : 226-307 Industrial Safety Management

Room: R300

Instruction:

1. Answer all questions.
2. All materials are allowed.

ทุจริตในการสอบ โทษขั้นต่ำ ปรับตกใน
รายวิชานั้น และพักการเรียน 1 ภาคการศึกษา
โทษสูงสุดให้ออก

Questions:

1. To describe the basic input of production system , we identified 4M&1E :
(1) man, (2) machine, (3) material, (4) method and (5) environment. How are
each of these improve and prevent accident in industries.? (20 points)
2. What are the supervisor's responsibilities for accident prevention.?(10 points)
3. How can the domino theory and fishbone diagram be used for accident cause
analysis.? Analyse the cause of accident in case of falling from the laddle.?
(20 points)
4. How do the 5S and KYT activities in factory improve employee awareness.?
(10 points)
5. What are 3E? How can they prevent the accident in case of machine cutting injury?
(10 points)

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6. List the hazards and preventions in the industries/enterprises as the following:

a. Palm Oil Industry.

b. Rubber Gloves Industry.

c. Parawood Industry.

d. Frozen Food industry.

e. Hotel.

(20 points)

7. Explain McGregor's viewpoint toward human needs and describe how those needs affect safety management. (10 points)

prepared by

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