

**OLLSCOIL NA hÉIREANN, GAILLIMH  
NATIONAL UNIVERSITY OF IRELAND, GALWAY.**

**SUMMER EXAMINATION 2000**

**DIPLOMA IN QUALITY ASSURANCE**

**Safety, Liability and Environment(IE882)**

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**Instructions: Time allowed: 2 Hours**

**Attempt: Any 3 questions [All questions carry equal marks]**

- Q1 (a)** What are the main provisions of the Safety, Health, and Welfare at Work Act, 1989? (50% marks)
- (b)** Discuss the process of accident investigation and analysis. (50% marks)
- Q2** Write short notes on **four** of the following: (4 x 25% marks)
- (i) The function and content of a Safety Statement?
  - (ii) The role and powers of the Health and Safety Authority.
  - (iii) What motivates management to implement of an environmental management system?
  - (iv) The expanded product concept in product liability
  - (v) The main features of a product recall
  - (vi) Risk management
- Q3 a)** Discuss risk assessment as it applies to safety in the workplace. Describe two different methodologies. (60% marks)
- b)** In what way is environmental risk assessment different from safety related risk assessment. (25% marks)
- Q4 a)** Safety management and environmental management have many elements in common which offer the opportunity to rationalise the overall E H & S management system. Discuss these opportunities. (60% marks)
- b)** What are the main elements of the ISA2000 safety management system? (30% marks)
- Q5 a)** What is the major objective of the Product Liability Directive(85/374/EEC)? (10% marks)
- b)** Explain the meanings of the following terms in the Product Liability Directive:
- (i) Producer
  - (ii) Product
  - (iii) Damage
  - (iv) Defective Product (4 x 15% marks)
- c)** What lessons are to be learned from the video 'When Products Harm'? (20% marks)
- d)** What influences seem to have contributed to the low level of product liability claims until 1995? (10% marks)