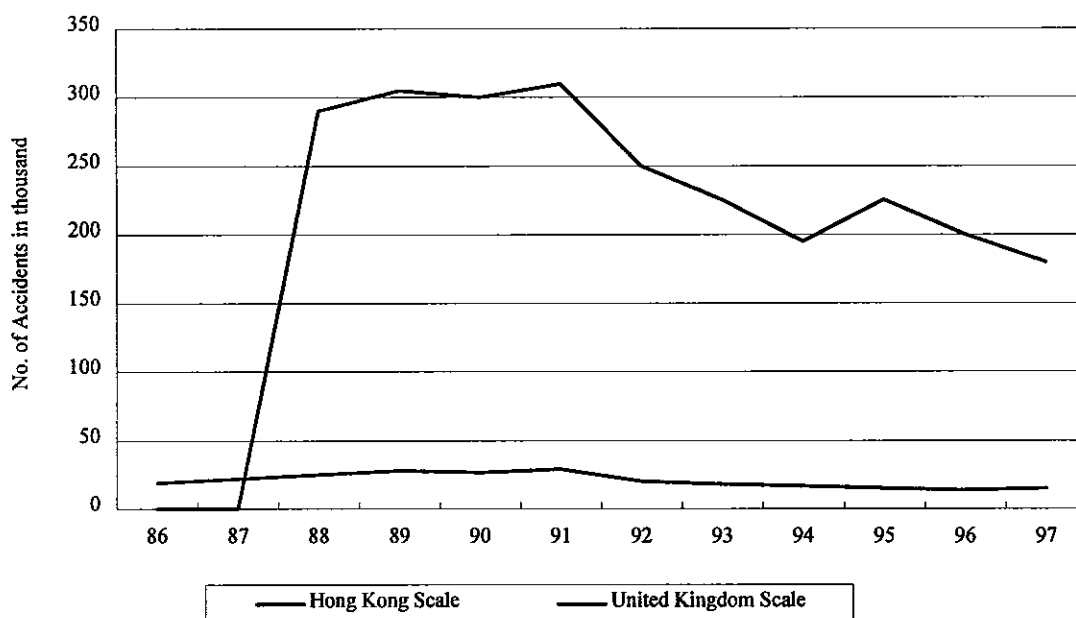


APPENDIX A1

The Plotting of the United Kingdom Accident Rate versus The Hong Kong Accident Rates

The following data was obtained from Annual Abstract of Statistics, Office for National Statistic, The Stationery Office and The Report of the Commissioner for Labour, Labour Department, Hong Kong Government.

Comparison of UK and HK Accidents per thousands workers per years

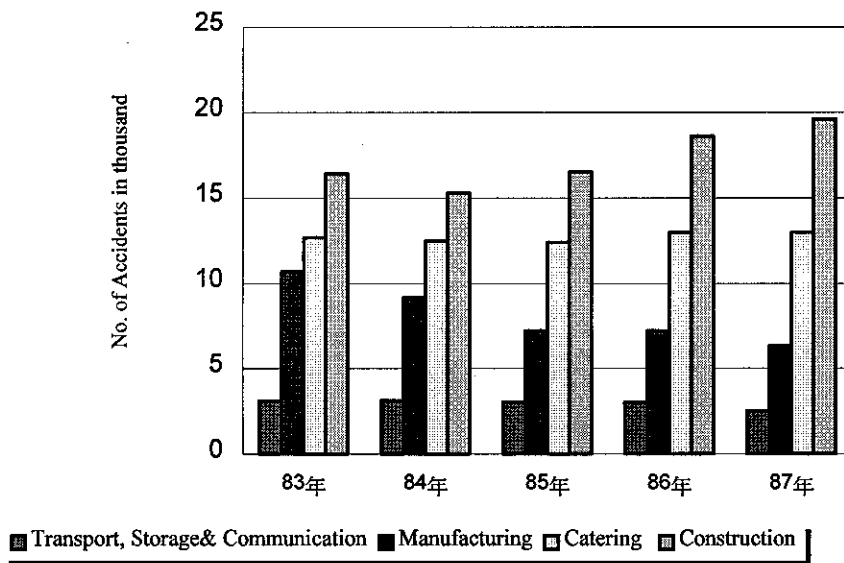


APPENDIX A2

The Plot of the Accident Cases in Different Industries in Hong Kong

The following data was obtained form the Report of the Commissioner for Labour, Labour Department, Hong Kong Government.

Industrial Accidents in Selected Industries



APPENDIX A3

QUESTIONNAIRE
An Evaluation of Engineers' View on the
"Construction (Design and Management) Regulations" in Hong Kong

Part A

Name: _____ (OPTIONAL)

Organization: _____ (OPTIONAL)

Qualification: _____ (i.e. B.Sc., RSO, MICE, MHKIE, and MIOSH)

The number of years serving in the construction industry _____ years

Do you have any safety qualification? Yes/No

Do you know about the United Kingdom's Construction Design and Management Regulation? Yes/No

PART B

1. Who are you working for?

Developer Designer Contractor Others

2. The Works Bureau should further improve its Safety Management system on a continuous development basis.

Agree/disagree

3. Presently, there are shortages of resource devoted to civil engineering construction safety.

Agree/disagree

4. Presently, there are communication problems among developer, designer, safety professional and contractor regarding construction safety

Agree/disagree

5. The developer should also share part of the safety obligation for construction project.

Agree/disagree

6. **The client should appoint a planning supervisor at the project planning stage to look after the occupational health and safety aspect of the entire construction project until operation stage**

Agree/disagree
7. **safety planning supervisor should develop a safety plan at the pre-tender stage for the tenderers reference**

Agree/disagree
8. **The safety planning supervisor shall be the power to vet the method of construction at the tender stage**

Agree/disagree
9. **The safety planning supervisor shall be registered professional engineer or other professional in a relevance discipline**

Agree/disagree
10. **The planning supervisor shall be individually appointed by the developer/client.**

Agree/disagree
11. **A safety file shall be kept to record all safety events form the planning to operation stage of the project by the planning supervisor.**

Agree/disagree
12. **The planning supervisor should have post-graduate qualification and experience in construction's occupational health and safety**

Agree/disagree
13. **The planning supervisor should have the authority to vet the design to ensure that the design is reasonably safe during the construction and operation stage**

Agree/disagree
14. **The planning supervisor should have power to request the developer to provide additional resource and construction time because of safety matter.**

Agree/disagree

15. The designer can take the role as planning supervisor to look after the occupational health and safety aspect of the entire construction project from planning to operation stage

Agree/disagree

16. The designer should carry out risk analysis to demonstrate that their design has taken into account of occupational health and safety consideration at the construction and operation stage of the project

Agree/disagree

17. The principal contractor should be responsible for implementation of all the safety measures on site

Agree/disagree

18. Previous safety performance of contractor shall be taken into account during the selection of contractor process.

Agree/disagree

19. The principal contractor shall to regulate their sub-contractors in all aspect of safety matter

Agree/disagree

20. You would support implementation of a legislation to define the safety obligation of the developer, designer, safety professional and contractor in Hong Kong

Agree/disagree