

Managing Public Safety with a Risk Based Approach

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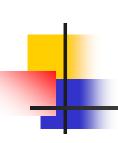
Challenges To Regulators

- Rising aspirations and expectations for delivery of public services
- Less regulation without compromising safety
- Effective and efficient services
- Technology advancing at an increasingly fast pace
- Limited resources





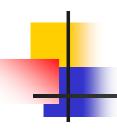




Traditional Approach to Safety Regulation

- Requirements largely based on deterministic analysis
- Addressing:
 What can go wrong?; and
 What are the consequences?
- Enforcement actions to manage compliance





Risk Based Approach

- Considerations of risks in formulation of requirements
- Addressing also:
 How likely is it that something will go wrong
 and how severe the consequence will be?
- Regulatory actions to take risks into account





Adopting Risk Based Approach



PLAN





IMPLEMENT







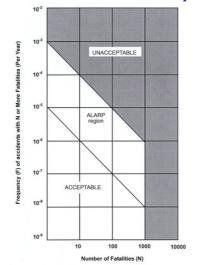




- Identify the risks to public safety
- Select appropriate initiatives to control the risks

Third party certification for inspection of LPG installations

Railway sector

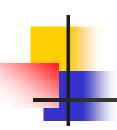








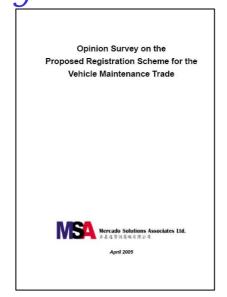




Consult

Consult stakeholders on the selected risk management initiative

Voluntary Registration Scheme for Vehicle Mechanics



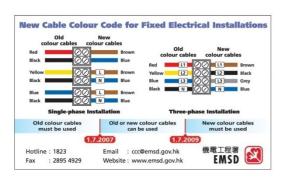




Implement

 Communicate and implement the selected risk management initiative

New Cable Colour Code Scheme



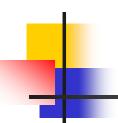












Review

Monitor and review the safety outcome and the service delivery process

E&M Safety Public Awareness Survey

Licensing Review



Study ID		_ (101-105)		(10	
Interviewer No.				(1	
No. Of Queries	_	- (120-121)	Reference No.	(1:	22-126)
Name of responde	ent				
Respondent's Cor	ntact no.:				
nterviewer no.:			_		
Date of interview:					
Time began:					
Time ended:					
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Conclusions

