



Singapore Healthcare Management 2017

The Safety Life Cycle of Alterations and Additions (A & A) Projects in Hospital Food Outlets

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INTRODUCTION

There are a number of food outlets in Singapore General Hospital (SGH). These outlets would undergo A & A works upon the commencement of new lease for the enhancement of service quality. As these outlets are residing in a hospital, the customer group comprises not only SGH staff and visitor, but also patient. Hence, the safety and health issue becomes a critical element of the hospital operations. As such, a dedicated team would be formed to assess the entire life cycle of the projects.



AIMS

Design Phase

To eliminate and mitigate any foreseeable safety and health risk inherent in the design or as a result of the construction process.

Construction Phase

Mainly to ensure the worksite activities did not jeopardise the safety and health of the neighbouring occupants, e.g. staff and patient.

Handover Phase

To identify residual safety and health hazard at the post-construction phase that could be mitigated through engineering or administrative control.

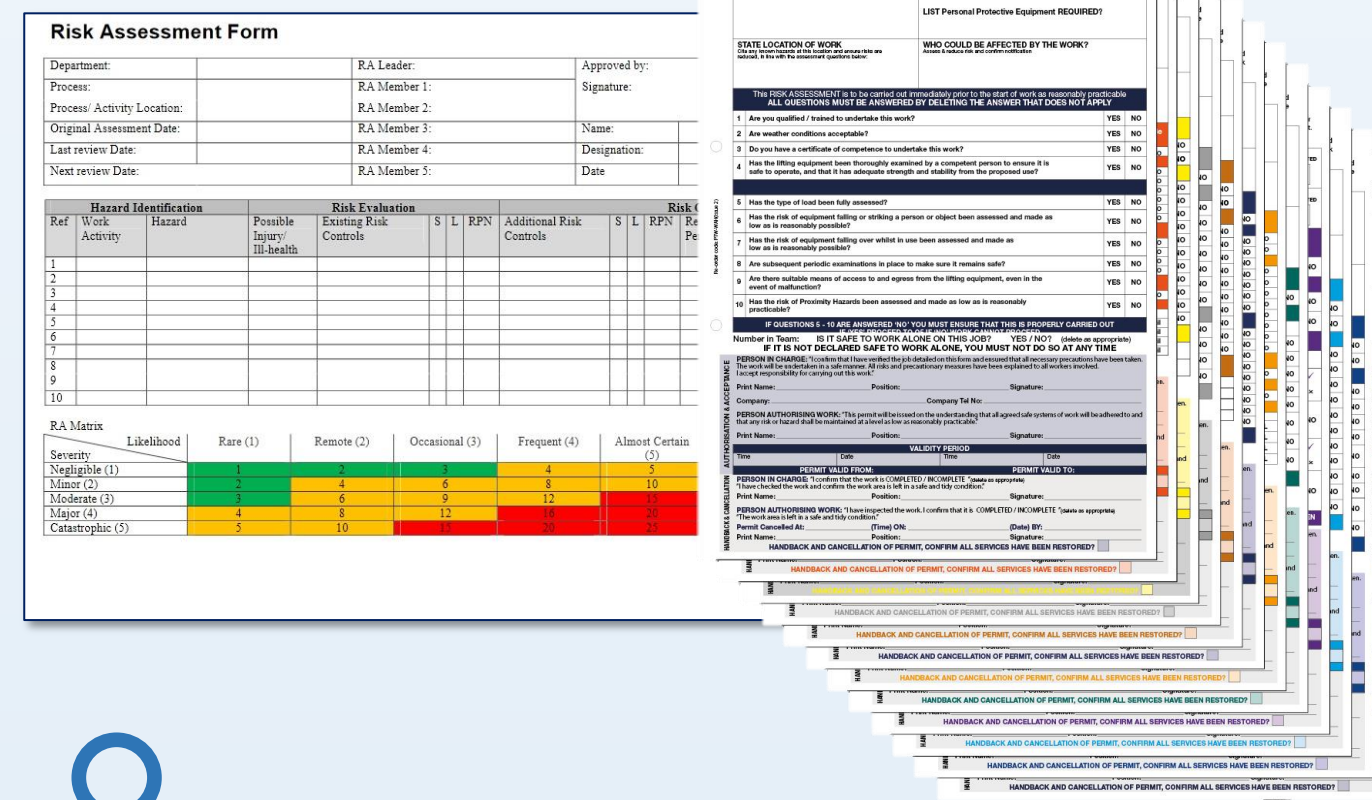
METHODOLOGY



A design review team consisting of major stakeholders, e.g. owner, consultant, operations, safety & project personnel, would be formed

S/N	Criteria	Stall 1 Drink	Stall 3 Econ Rice	Stall 4 Yong Tau Foo	Stall 6 Fish Ball Noodle	Stall 9 Chicken Rice	Stall 12 Nasi Padang
16	Height of serving counter - 850mm	✓	✓	✓	✓	✓	✓
17	At least 50% of all tray slides are at a maximum height of 850 mm	✓	✓	✓	✓	✓	✓
18	Condiment shelves have a maximum height of 1370 mm	✓	✓	✓	✓	✓	✓
19	Non-slip floor finish provided	✓	✓	✓	✓	✓	✓

The review process was also made reference to the in-house policy and relevant guidelines



Review of worksite safety management document, e.g. risk assessment, permit to work, method statement, etc.

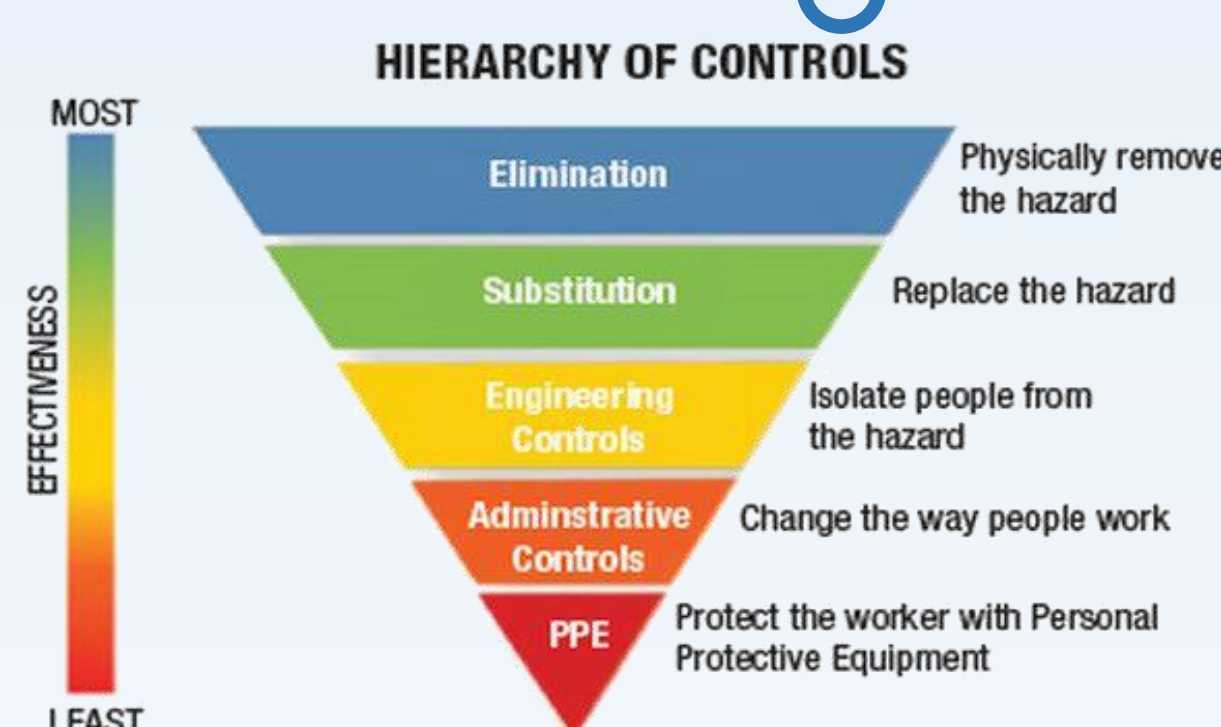
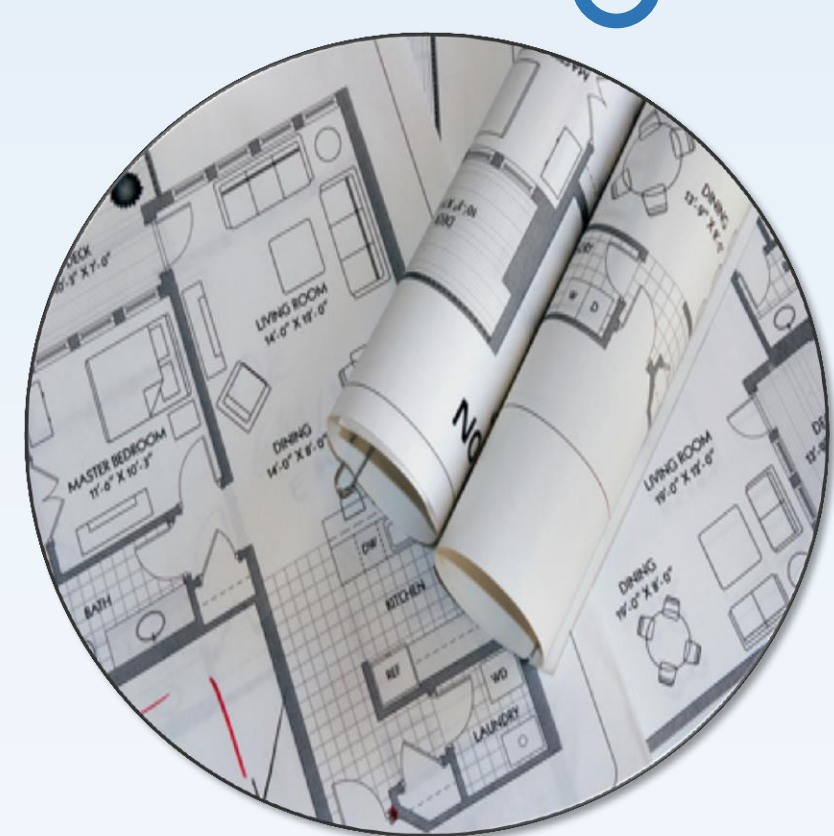


Pre-commissioning Inspection

Design

Review of design layout, construction and waste disposal processes

Address potential safety and health risks inherent in the design using hierarchy of controls

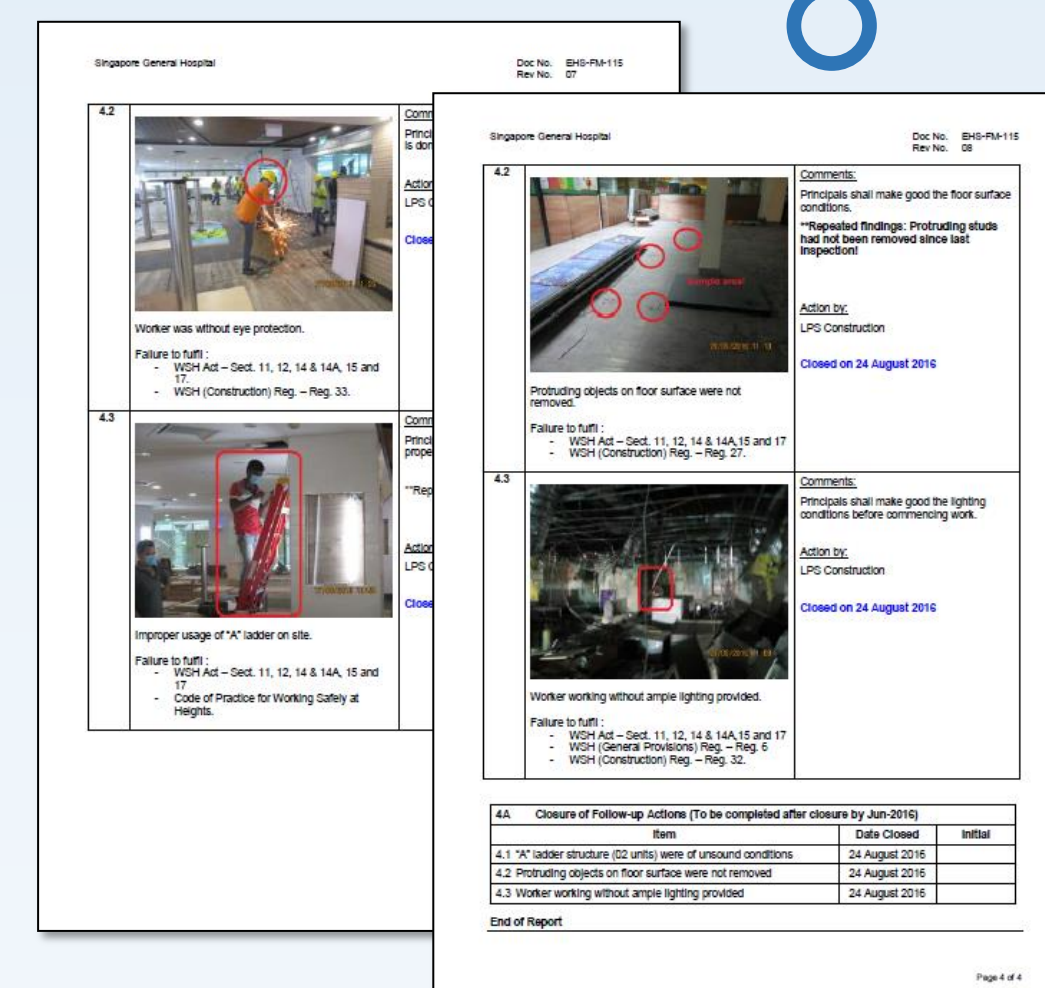


Construction

Perform worksite safety inspections to ensure legal compliance

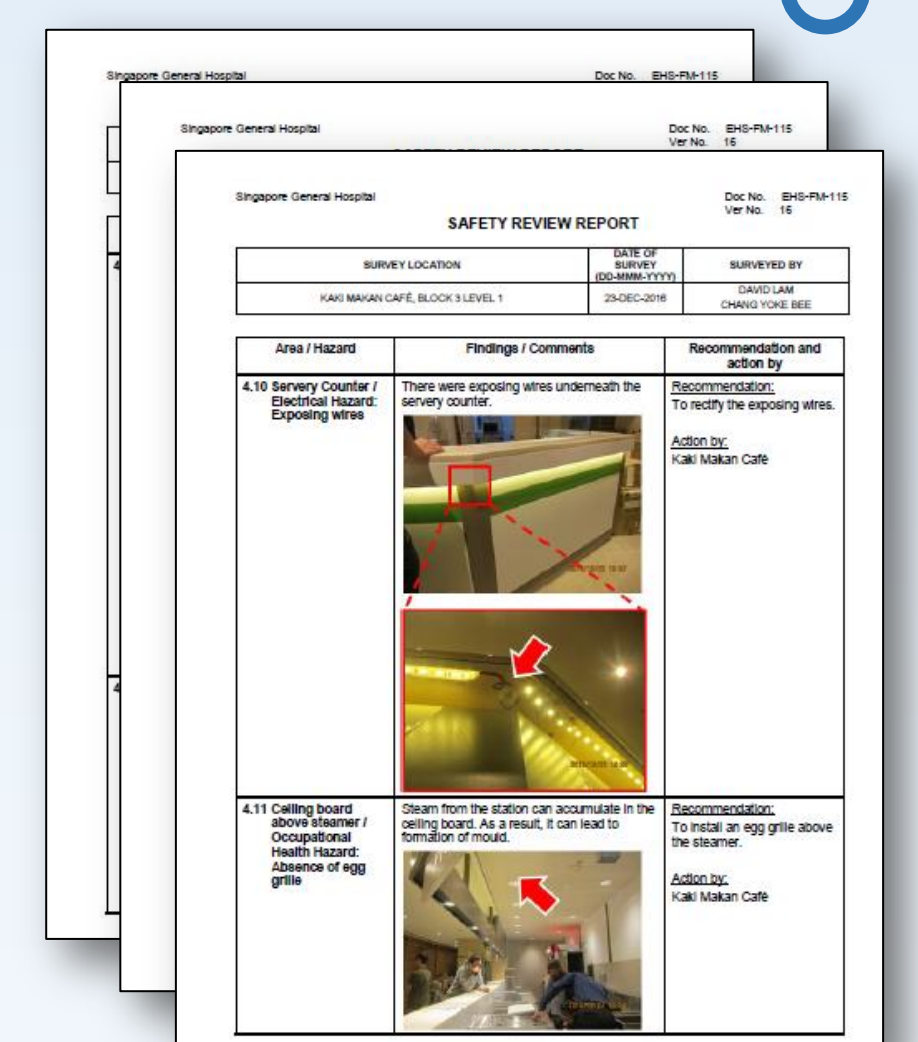


Documentation of the observations & findings and work with project team for rectification



Handover

Documentation of any residual risk for control



RESULTS



Early identification of foreseeable safety and health risks which allowed timely corrective actions



Residual risks were addressed before operations



Hospital policy was incorporated into the design



Better user experience



Zero disruption to hospital daily operations



Smoother operation flow

CONCLUSION

Based on our experience, the methodology adopted in these projects are applicable in similar settings in Singapore General Hospital. By reviewing each phase of the project, any potential safety and health issue could be eliminated / mitigated early.

SAFETY Prevention is better than cure