



Singapore Healthcare Management 2017

Safe Site Safe Inspection



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AIM

To enhance safety for staff during inspection at construction sites

INTRODUCTION

When carrying our inspections at construction sites, project officers may sustain injury due to various unsafe conditions on site.

1. The breadth and depth of knowledge on construction site safety is overwhelming to staff who are not extensively trained in this area.
2. While staff is engrossed in resolving site issues, inspecting the progress and quality of construction, they are often not focussing on the surrounding.
3. Although main contractor is the major stake holder, he often focuses more on expediting the work progress than site safety.
4. The conditions and consequently the risks of the construction site change frequently throughout the project.

The objective of this Safety Improvement Project is to reduce risks of injury for project officers carrying out inspections at construction sites.



Photos of a site BEFORE implementation of this QI. Improvement to safety of project officers who inspects the site would result to safer and neater renovation site

METHODOLOGY

1

A task team including seniors and experienced staff was formed. Using the **Human Factors and Safety Analysis Form**, they gathered input from the rest of the project officers in the department.

2

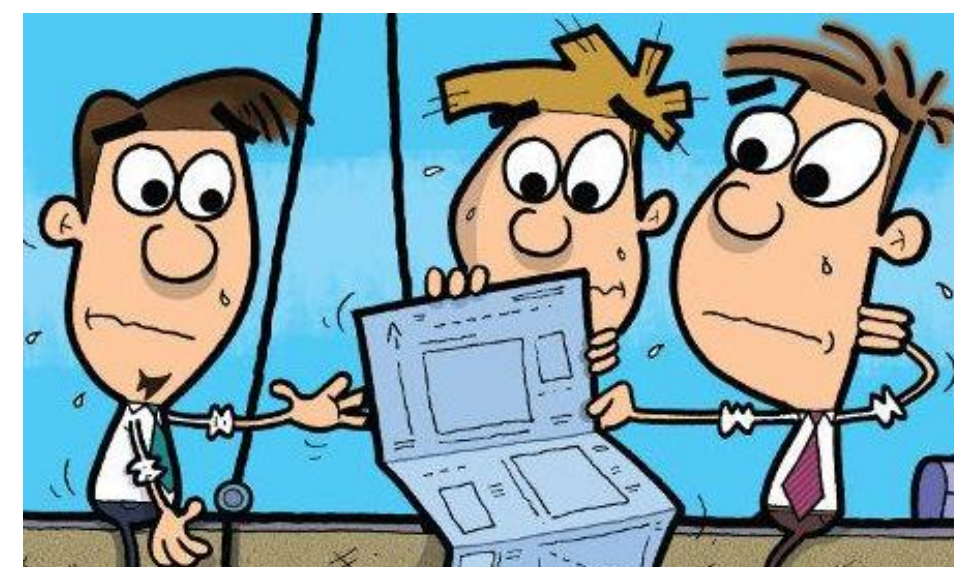
They analysed the completed data and identified the gaps and weak points concerning site safety when staff conduct site inspections such as :

1. Lack of signages/notifications on site for the safety of the Staff inspecting the site
2. Construction debris and material scattered around the site
3. Insufficient lighting level at the construction site for clear visual inspection and escape route.
4. Cables hanging low, less than 2m from floor level, sometime laying on the floor that will cause tripping to workers.



3

Corporate safety expert's support was also sought to ensure good safety standard at construction sites.



4

The task team then introduced **intervention method and improvement measures** to mitigate the risks identified for both the site conditions and human factors.



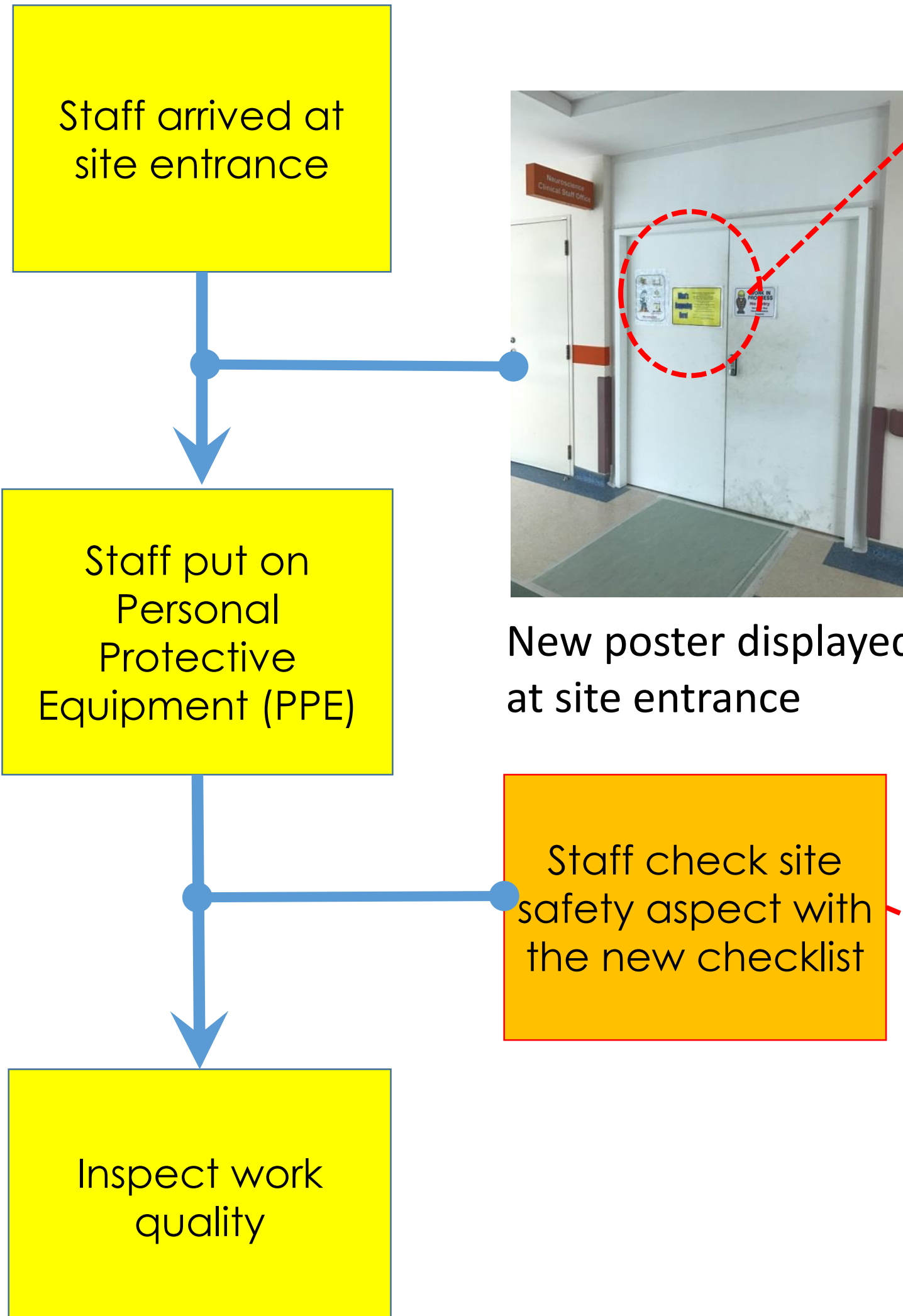
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For improvement of the staff's awareness and knowledge on site safety, a **standardized safety checklist** was developed to aid the staff in carrying out systematic pre-inspection to ensure site is safe before carrying out actual inspection of progress and quality of construction.

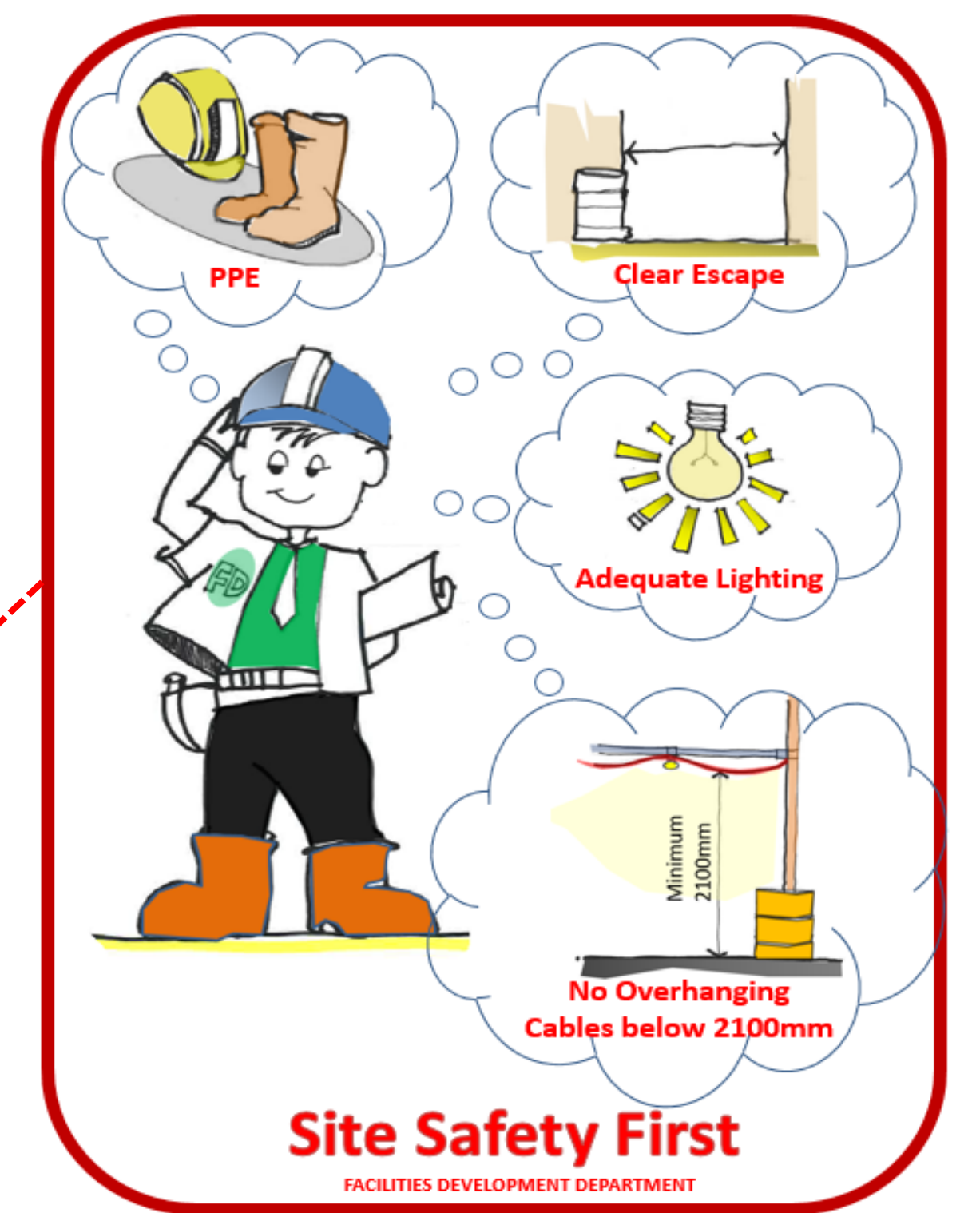


Testing of Improvement Measure

- A **Site Safety Poster** was displayed at the entrance to the site to remind the Staff of the safety procedures that he/she needs to follow before entering the site
- A **Site Safety Checklist** was used in addition to the routine work



Process flow of a Staff's Site Inspection



Site Safety First

New Poster

Site Safety Checklist

RESULTS

A better managed site that will ensure safety of not just the construction workers but the staff as well.



CONCLUSION

1. Construction sites are in safe conditions when staff is carrying out project inspection
2. Standardized checklist is available for staff to carry out safety inspection prior to inspection of work.