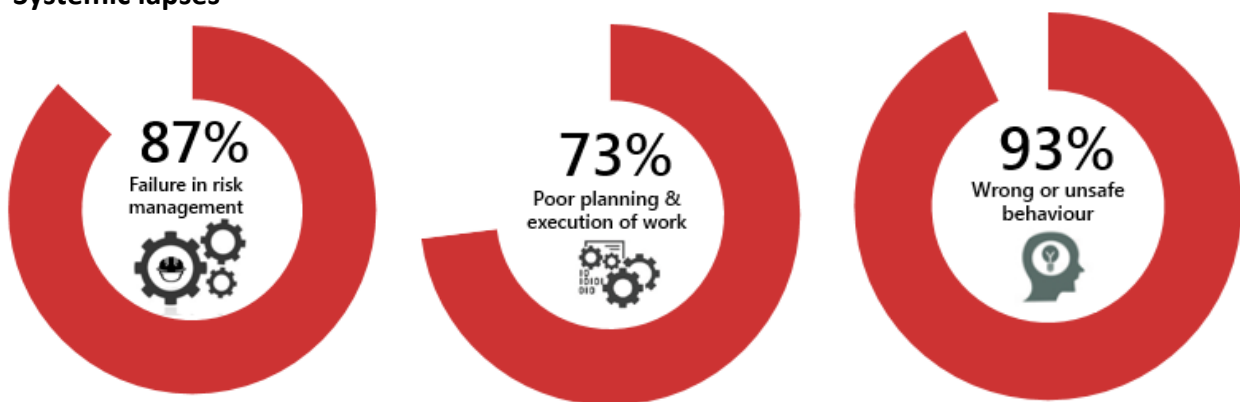


## FACTSHEET ON ROOT CAUSE ANALYSIS OF FATALITIES IN THE CONSTRUCTION SECTOR

### Background

To understand the factors contributing to the recent spate of workplace fatalities in the construction sector, the WSH Institute conducted a root cause analysis into the 33 workplace fatalities from June 2015 to May 2016. The key findings of the analysis are as follows:

### Systemic lapses



- The study revealed the absence of a robust WSH management system in companies involved in the workplace fatalities. While most companies involved in workplace fatalities conducted risk assessment, 87% of the companies studied did not carry out thorough risk assessment or implement adequate risk control measures.
- 73% of the fatalities were attributed to systemic lapses in planning and execution of work activities, including poor supervision, communication and coordination of work.
- 93% of the fatalities were a result of workers adopting the wrong or unsafe behavior, reflecting a possible lack of competency and safety awareness.

### Experience and competency matters

- The study also found that construction workplace fatalities were more likely to involve workers with less than one year experience with their companies, or less than three years' experience in Singapore.
- Lower-skilled workers had a higher propensity of encountering workplace fatalities in the construction sector compared with their higher-skilled counterparts.