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# WSH Inspection Findings for Waste Management & Recycling Industry



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# Overview

- WSH Statistics
- Inspection Findings and Learning Points
- Case Studies
  - Waste Recycling Workplaces
  - Central Refuse Centre (CRC)
  - Refuse Handling Equipment (RHE)



# Accident Statistics

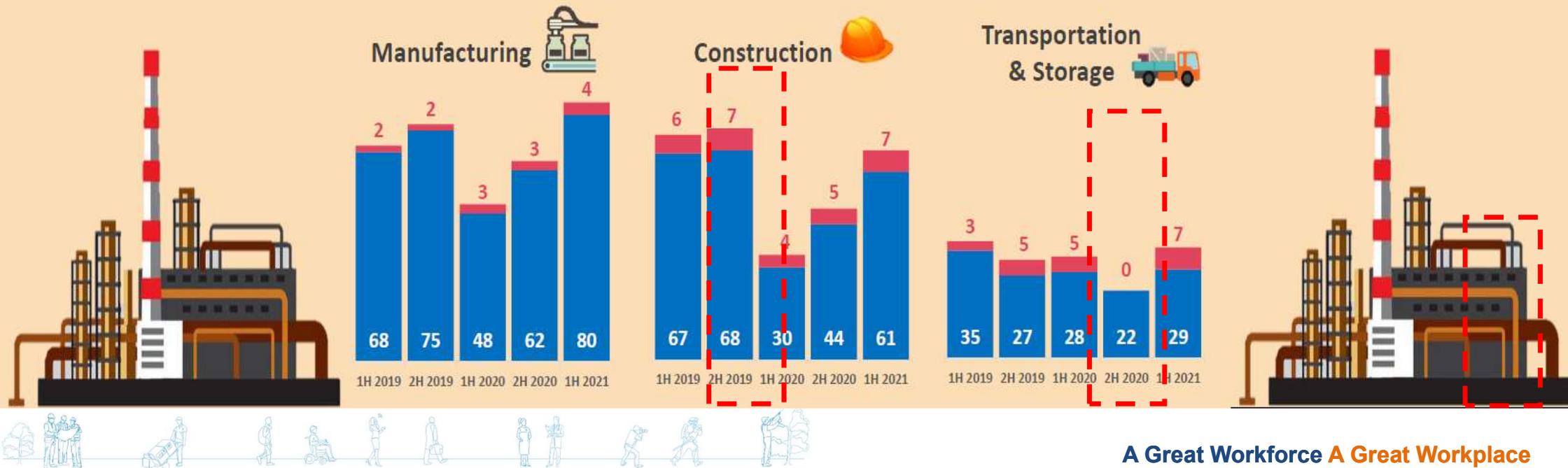
January – June 2021

## SINGAPORE WORKPLACE SAFETY & HEALTH REPORT

Manufacturing, Construction and Transportation & Storage remained the top 3 sectors/industries with the most number of fatal and major injuries in 1H 2021.

Manufacturing, Construction and Transportation & Storage remained the top 3 sectors/industries with the most

Fatal Injuries  
Major Injuries



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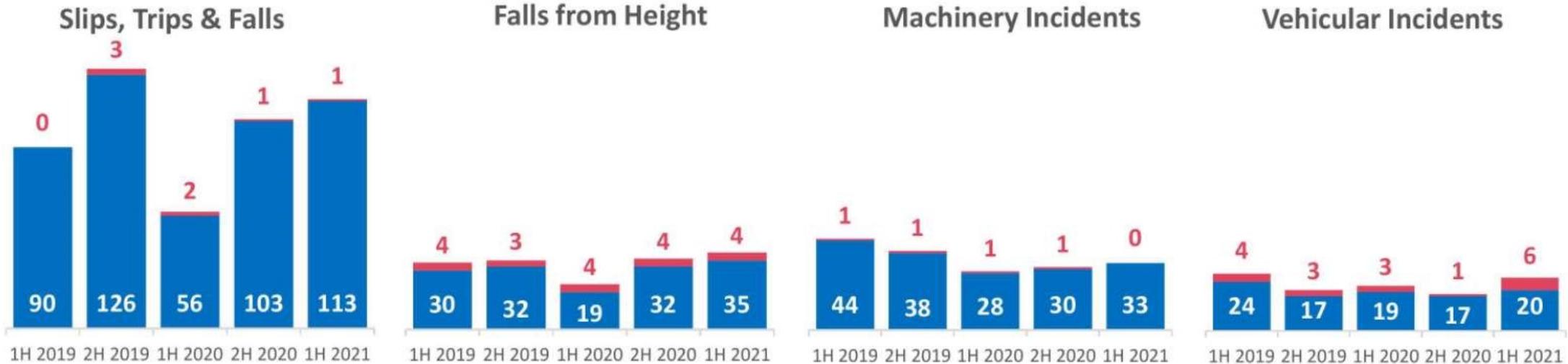
# Accident Statistics

January – June 2021

## SINGAPORE WORKPLACE SAFETY & HEALTH REPORT

Slips, Trips & Falls remained the top cause of major injuries in 1H 2021.

Fatal Injuries  
Major Injuries



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# Common Hazards in Waste Recycling Workplaces



Fall from Heights



Fire hazards



Electrical hazards



Traffic related hazards



Slips, Trips and Falls

Unsafe use of machinery



Unsafe handling of chemical



Storage and stacking hazards



# Inspection Findings on Electrical and Fire Hazards

Unsafe electrical wiring



Incompatible work; wood waste and welding



# Learning Points on Electrical and Fire Hazards

## Do

- ✓ Report any damaged wiring found
- ✓ Put electrical cords away neatly
- ✓ Practice Lock Out Tag Out (LOTO) to prevent accidental activation during maintenance

Welding work shifted to an open area with no other hazards



# Inspection Findings on Traffic Related Hazards

Worker walking on  
vehicle driveway



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# Learning Points on Traffic Related Hazards

Demarcation for walkway



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# Inspection Findings on Storage and Stacking Hazards

Unsafe stacking 



Unsafe stockpile of waste materials 



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# Inspection at Central Refuse Centre (CRC)



Who will  
access  
CRC

- Waste collectors
- Cleaners
- Maintenance Workers
- Others (e.g. Town Council, member of public)

Why

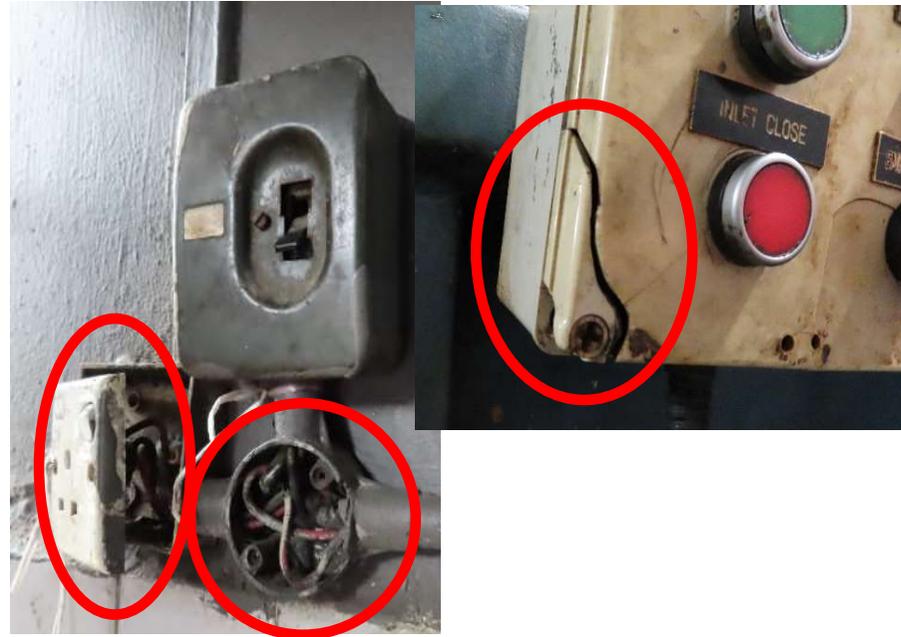
- Collect/ dispose waste
- Clean the area
- Maintain equipment



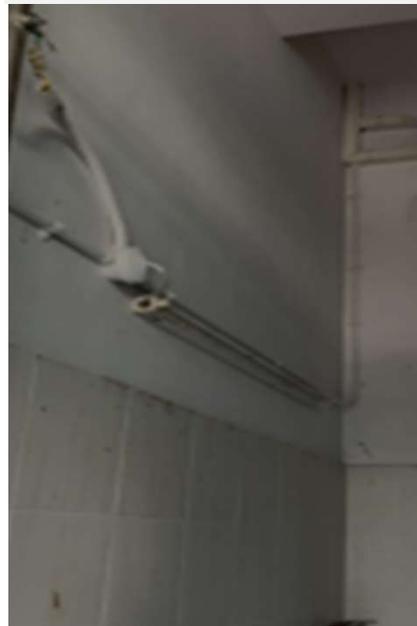
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# Inspection Findings at CRC

The electrical socket and conduit junction were damaged.



Light not working



Emergency stop button missing



# Learning Points

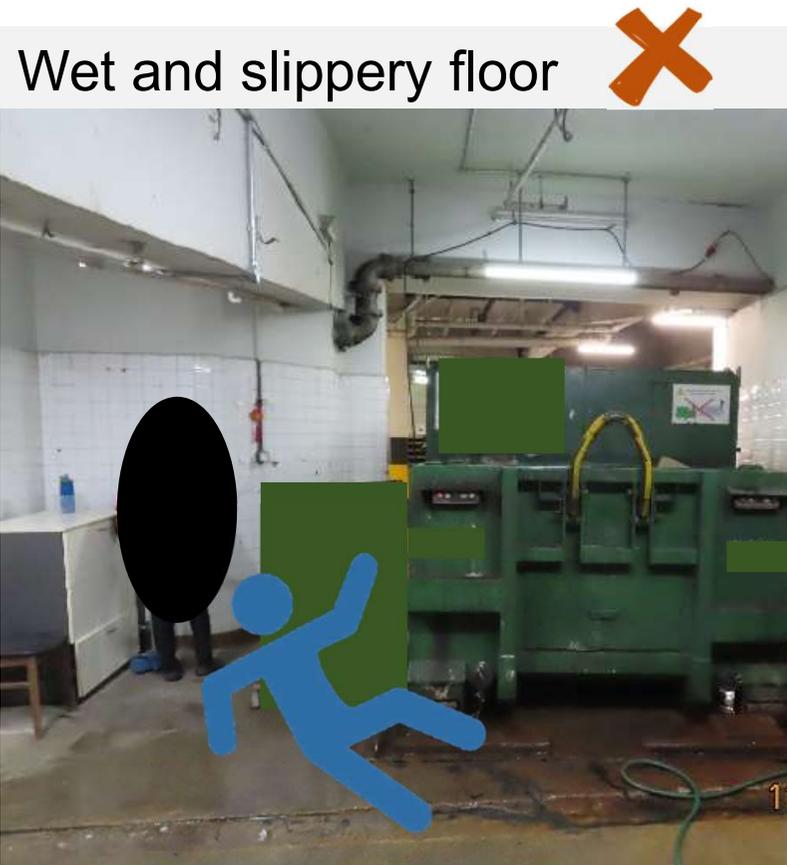
Well maintained electrical panels



RHE's emergency stop button working



# Inspection Findings in CRC



# Learning Points

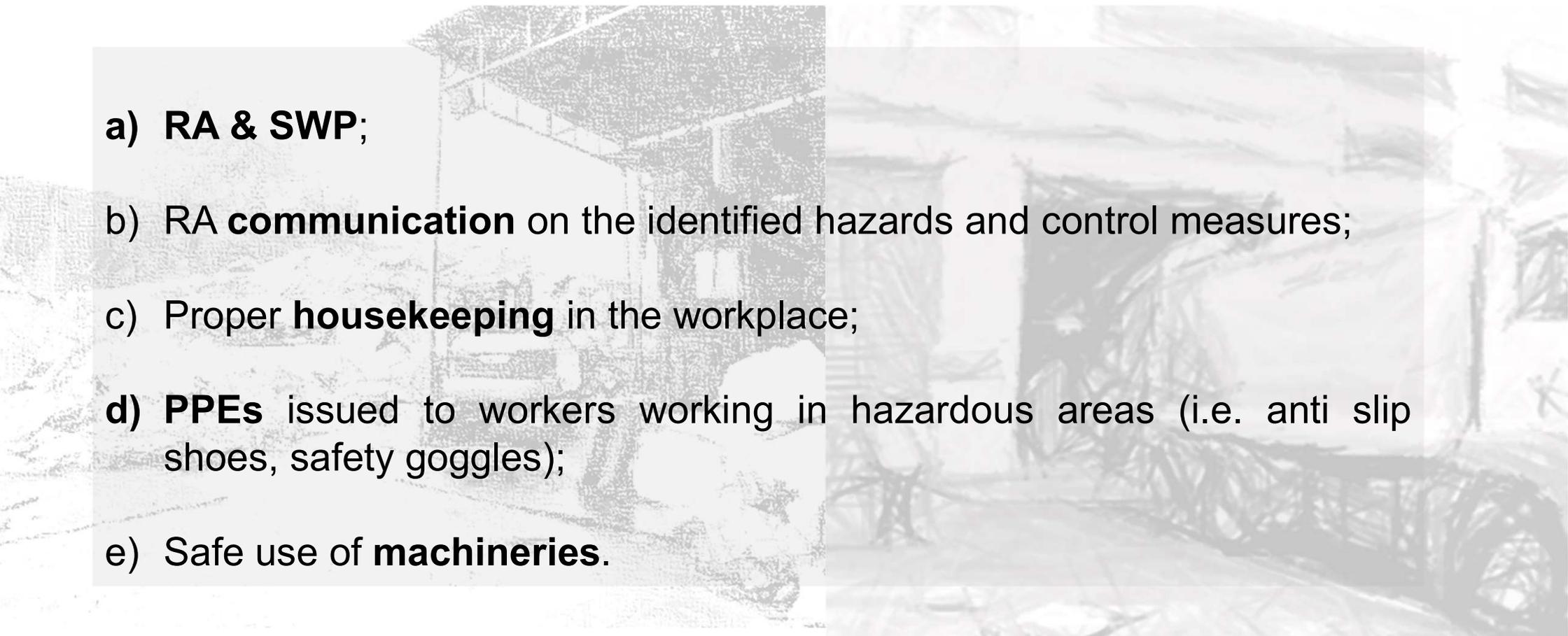
## Do

- ✓ Practice good daily housekeeping
- ✓ Wear anti-slip shoes if floor is usually slippery
- ✓ Report any damaged flooring
- ✓ Put up warning signs for:
  - wet floors
  - raised flooring
  - damaged flooring

Shoes in serviceable condition



# Ensure that your workplace has ...

- 
- a) **RA & SWP;**
  - b) **RA communication** on the identified hazards and control measures;
  - c) Proper **housekeeping** in the workplace;
  - d) **PPEs** issued to workers working in hazardous areas (i.e. anti slip shoes, safety goggles);
  - e) Safe use of **machineries**.



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