



**Micro
Builders
Association
Singapore**

The Micro Builder's Perspective For Work At Height (WAH)

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*“No matter how small you are,
Safety is a **big** matter”*



Who Are Micro Builders?

- Small & Medium Builders who specialize in low-rise residential projects and boutique commercial projects.
- Average Project Sum between S\$1,000,000.00 to S\$15,000,000.00
- Average Staff Count of between 20 to 100.

What Makes Safety Concerns Different in Micro Builder's Context?

Safety knows no size, whether big or small, safety of everyone is top priority. However, micro builders do face different sets of challenges when it come to Workplace Safety:

- Space constraints.
- Very close proximity with neighbours.
- Work at height.

Examples of Bad Practices



- No Proper Barricade for 2nd level shuttering of formwork
- Workers not tying their safety harnesses even after wearing them.



Examples of Bad Practices



- Workers not wearing safety harnesses
- Insufficient safety working platform
- No access (ladder)

- No proper barricade and demarcation on site for workers to avoid.

Examples of Bad Practices



- Zero access, barricade, lifeline and working platform

- How is the the timber primary bearer is being erected
- Is it safe for workers to work under timber bearer

Examples Of Continuous Reminder/ Education By WSH Officer



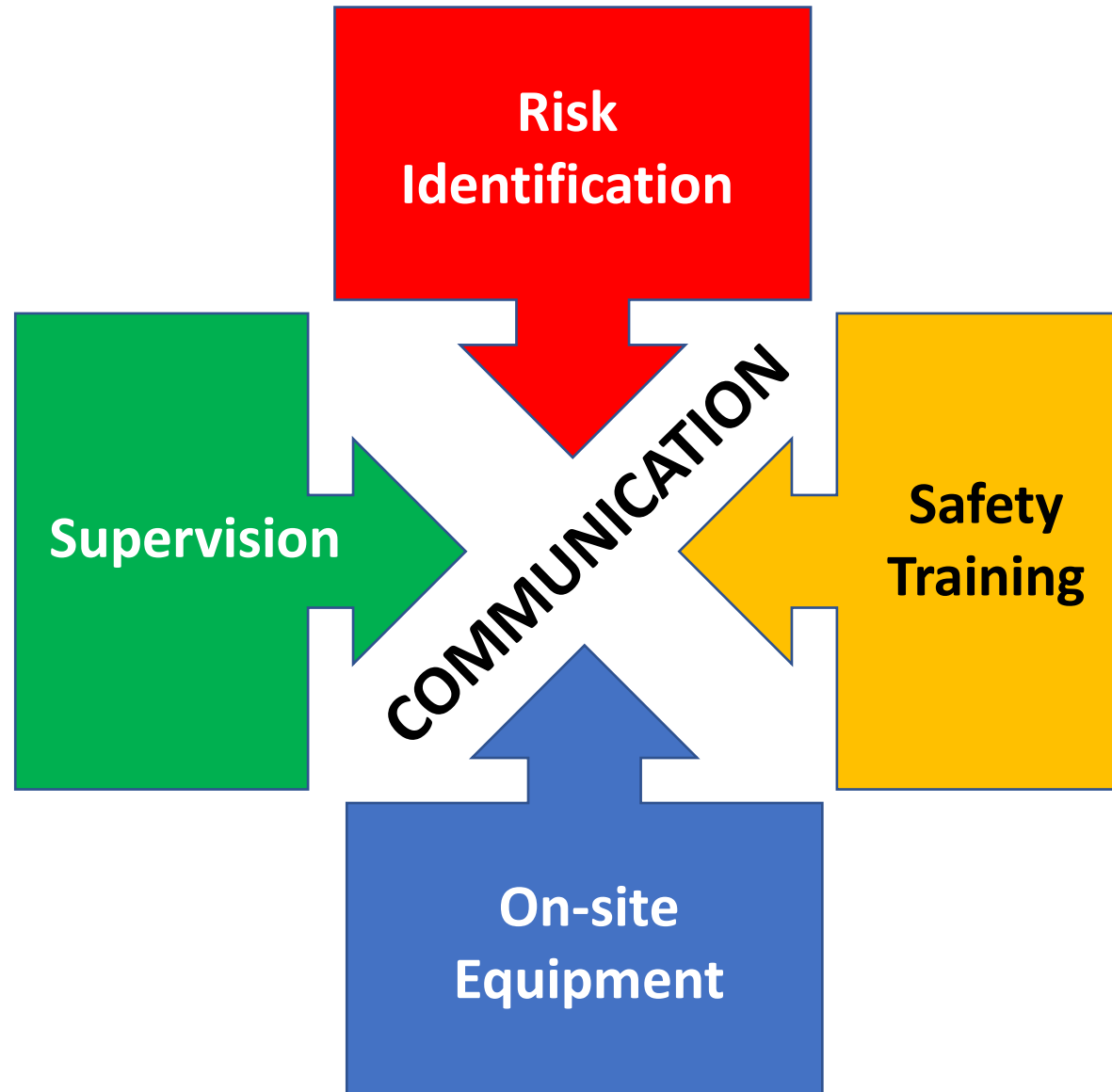
MBAS builders members do conduct daily toolbox meeting and weekly continuous education and reminder to our workers on work place safety, and the danger of working from height

Examples Of RA/SWP Briefing Before Commencement Of Work



MBAS builders members do engage WSH officer to conduct briefing to project supervisor before any commencement of work to reduce any incident on Work At Height related occurrence.

Best Practices at Work Site



“One earnest worker can do more by personal suggestion and communication to prevent accidents, than a carload of safety signs.”

Examples of Good Practices



Safety netting to prevent both small debris & workers from falling down.

Examples of Good Practices



Approve to Work scaffolding system with the right stairs at every tier of work to ensure worker's safety

Examples of Good Practices



Safety barricades with toe-board and safety netting installed at open sides.

Examples of Good Practices



Top 2 rungs of A frame ladder covered up

Examples of Good Practices (cont)

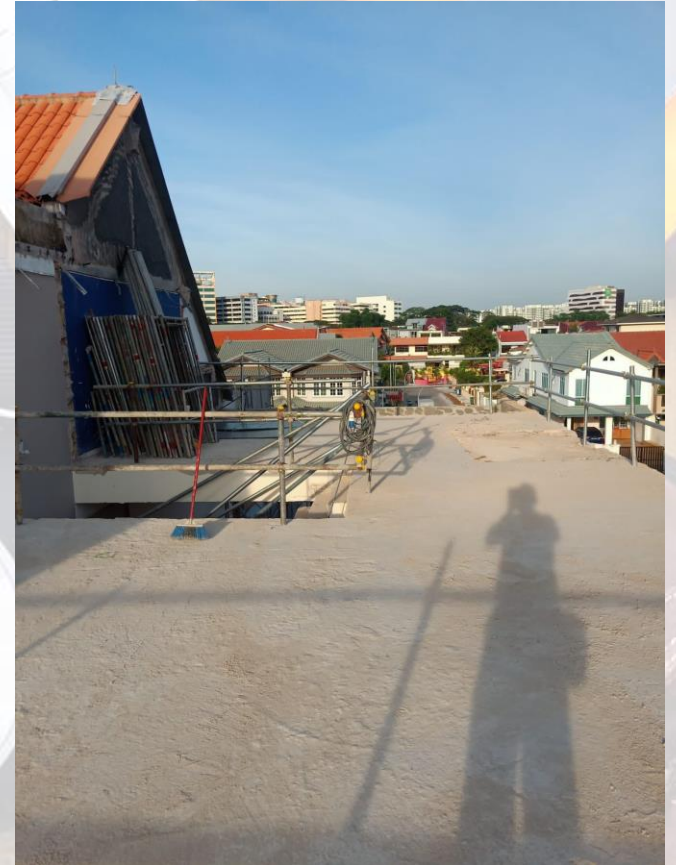


- Sub-Contractor working on metal roof
- With necessary life line and harness that is checked by PM on site for validity



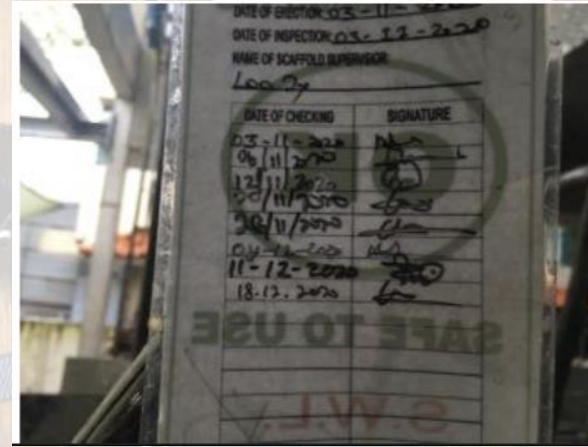
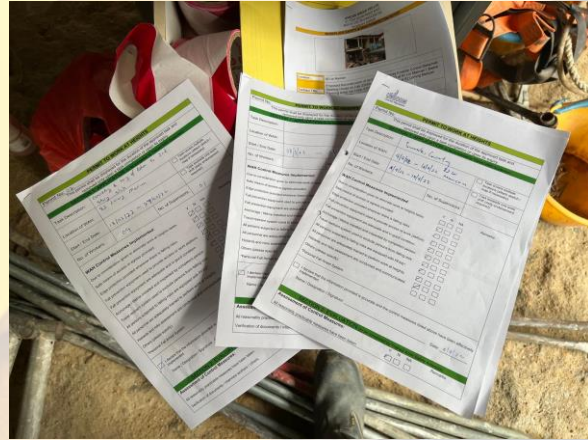
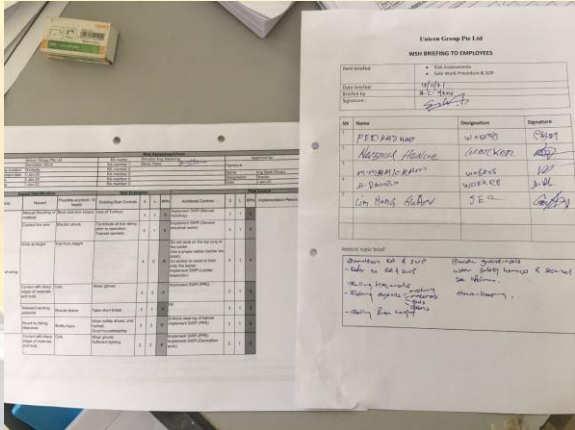
- Simple timber barricade with GI pipes in place at lift pit to prevent falls

Examples of Good Practices (cont)



Good housekeeping and safe working environment are maintained on site, to prevent injuries to workers falling from height

Examples of Good Practices



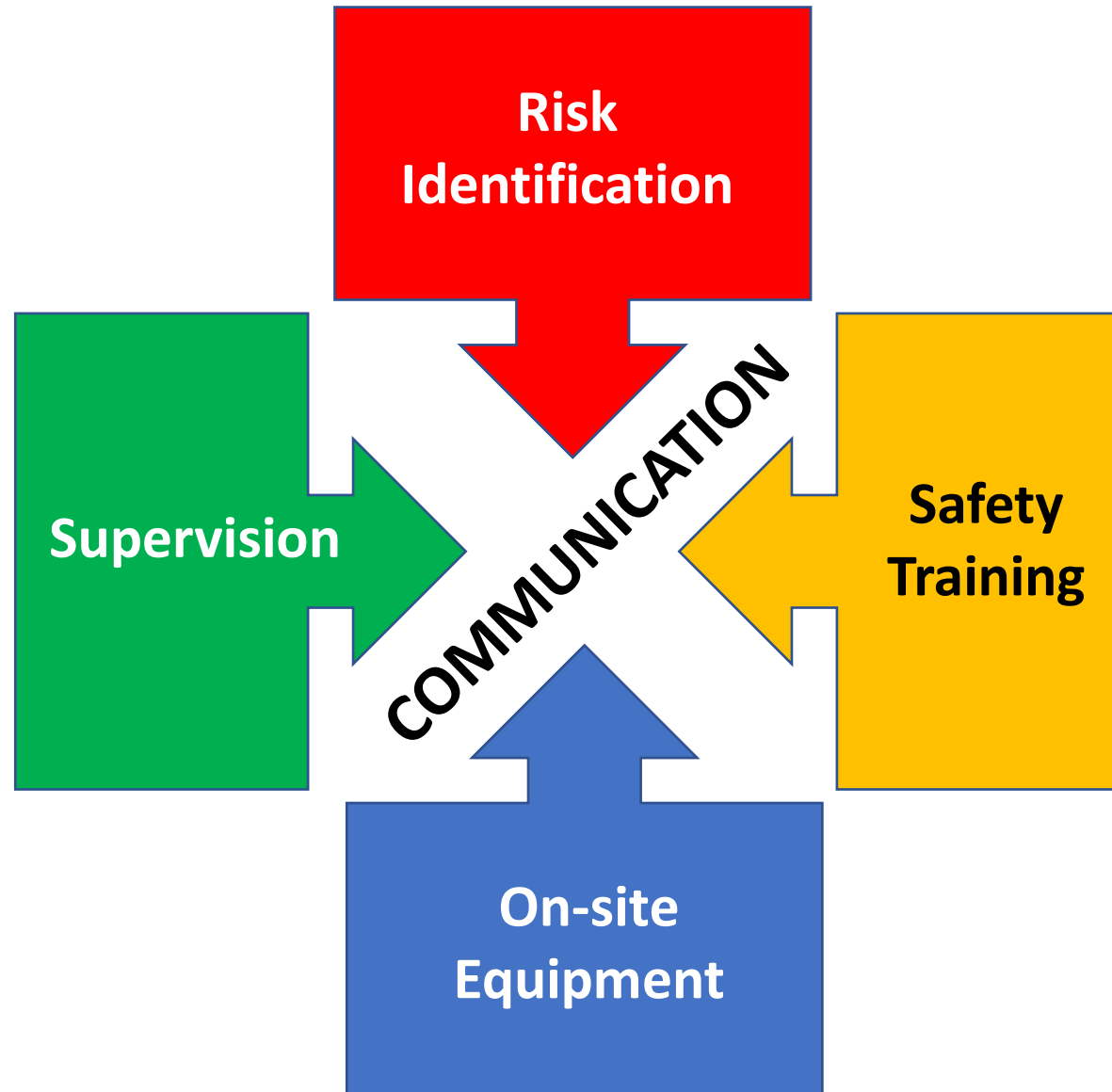
Proper access with documentation and PE approval for WAH, Temporary access /propping or staging

Examples of Good Practices



Well equipped first aid box and is updated weekly by WSH officer, any shortfall of items to be immediately purchase and replenished

Routing Back to Key Practices – ALWAYS REMEMBER



***“No Safety, Know Pain.
Know Safety, No Pain.”***