

COMPLIANCE ASSISTANCE CHECKLIST (DEMOLITION WORK)

Demolition Plan and Stability Report		Yes	No
1	A demolition plan and stability report is available on site.	<input type="checkbox"/>	<input type="checkbox"/>
2	A method statement prepared by a professional engineer is available on site.	<input type="checkbox"/>	<input type="checkbox"/>
3	The Project Manager, Workplace Safety & Health Officer, Supervisor and /or personnel directly involved in the demolition works is conversant with how the demolition works would be carried out?	<input type="checkbox"/>	<input type="checkbox"/>
4	A risk assessment has been conducted for demolition works.	<input type="checkbox"/>	<input type="checkbox"/>
5	Safe Work Procedures indicated in the Risk Assessment has been implemented.	<input type="checkbox"/>	<input type="checkbox"/>
Permit-to-Work		Yes	No
6	A permit-to-work system has been implemented on site.	<input type="checkbox"/>	<input type="checkbox"/>
7	A project manager has been appointed for the worksite.	<input type="checkbox"/>	<input type="checkbox"/>
8	A safety assessor has been appointed for the worksite.	<input type="checkbox"/>	<input type="checkbox"/>
9	All persons involved in demolition work have been informed of the hazards and precautions they have to take.	<input type="checkbox"/>	<input type="checkbox"/>
Hoarding, Covered Walkways and Catch Platforms		Yes	No
10	The site is adequately hoarded or barricaded. Measures to prevent unauthorized entry are implemented.	<input type="checkbox"/>	<input type="checkbox"/>
11	Covered walkways or other means of overhead protection are provided.	<input type="checkbox"/>	<input type="checkbox"/>
12	Catch platforms and catch fans are provided and maintained as required, especially where exterior masonry wall or roofs are being demolished.	<input type="checkbox"/>	<input type="checkbox"/>
Preparation for Demolition		Yes	No
13	All glass and cladding to the exterior of the building to be demolished have been removed prior to commencement of demolition.	<input type="checkbox"/>	<input type="checkbox"/>
14	All gas, electric, water, steam and other supply lines have been shut off and capped. If power, water, gas or electric lines need to be maintained during demolition, such lines have been relocated or adequately protected.	<input type="checkbox"/>	<input type="checkbox"/>
Open side / Openings		Yes	No
15	Open sides or openings where a person is liable to fall more than 2 meters are covered or guarded by effective guardrails, barriers or other equally effective means to prevent fall.	<input type="checkbox"/>	<input type="checkbox"/>
Access and Egress		Yes	No
16	Safe means of access and egress from different levels of buildings or structures are provided.	<input type="checkbox"/>	<input type="checkbox"/>
Lighting		Yes	No
17	Sufficient and suitable lighting are provided where persons are at work.	<input type="checkbox"/>	<input type="checkbox"/>

Presence of Asbestos		Yes	No
18	Checks are carried out determine if materials to be handled contain asbestos. Materials suspected to contain asbestos are sent for analysis.	<input type="checkbox"/>	<input type="checkbox"/>
19	For works involving asbestos, a notification has been sent to MOM (not less than 28 days) in advance of any such works.	<input type="checkbox"/>	<input type="checkbox"/>
Noise		Yes	No
20	Suitable hearing protectors are provided to all persons exposed to excessive noise.	<input type="checkbox"/>	<input type="checkbox"/>
Personal Protective Equipment		Yes	No
20	Personal protective equipment is provided to persons at work which requires protection, including eye protection, fall protection, foot protection, hand protection, head protection, hearing protection, respiratory protection.	<input type="checkbox"/>	<input type="checkbox"/>
Debris Accumulation		Yes	No
21	Debris, on the floors, against hoardings or external walls, or at any part of the worksite should not be allowed to accumulate so as to constitute a hazard.	<input type="checkbox"/>	<input type="checkbox"/>
Debris Disposal		Yes	No
22	Openings used for removal of debris, except the top or working floor, are enclosed from floor to ceiling. If an enclosure cannot be provided, effective barricades shall be provided at 6m from the openings.	<input type="checkbox"/>	<input type="checkbox"/>
23	A warning notice indicating the hazard of falling debris has been placed at the debris collection area.	<input type="checkbox"/>	<input type="checkbox"/>
Demolition of walls, other structure or part of a structure		Yes	No
24	Demolition of walls and partitions in a worksite shall proceed in a systematic manner. All work above each tier of floor beams has been completed before the removal of its supports.	<input type="checkbox"/>	<input type="checkbox"/>
25	No structure or part of structure which is being demolished are left in such a condition that it may fall or collapse inadvertently, or be weakened due to wind pressure, vibration or other causes.	<input type="checkbox"/>	<input type="checkbox"/>
Manual Demolition		Yes	No
26	Where any demolition work is carried out with the use of hand tools, safe footings in the form of sound flooring or scaffolds are provided for persons working on an exterior wall.	<input type="checkbox"/>	<input type="checkbox"/>
27	Where any demolition work is carried out with the use of hand tools, there are no walls or partitions that are left standing more than 1 storey above the uppermost floor where persons are working.	<input type="checkbox"/>	<input type="checkbox"/>
Mechanical Demolition		Yes	No
28	Where a clamshell bucket is used, a zone of 8 metres of the line of travel of the bucket is maintained. Where other mechanical appliances are used for demolition work, an adequate zone is maintained in the area to ensure the safety of persons at work.	<input type="checkbox"/>	<input type="checkbox"/>
29	Machines such as excavators and breakers shall descend down to the next floor by means of a ramp designed by a professional engineer. The ramp should take into consideration the loading imposed and may be a temporary structure.	<input type="checkbox"/>	<input type="checkbox"/>

Mechanical Demolition		Yes	No
30	Where any lifting work is required (including the use of excavators and breakers as lifting equipment), all regulations under WSH Act not limited to the control, maintenance and inspection of lifting equipment, risk assessment for lifting operation, appointment and duties of lifting personnel etc. must be complied with.	<input type="checkbox"/>	<input type="checkbox"/>

Note:

1. This checklist is only a basic compliance assistance toolkit and is not exhaustive. It only provides a general overview of the basic compliance items. It is envisaged that you may need to make further customisation or modification to the checklist to cater for the specific processes and conditions in your workplaces.
2. All demolition works must be carried out in compliance with prescriptive guidance of Singapore Standard SS 557:2010 Code of Practice for Demolition (Formerly CP11)
3. SS 557 has also been issued as an Approved Code of Practice (ACOP) under the Workplace Safety and Health Act (WSHA) since 15th Feb 2011

Further information:

- Relevant legislative requirements can be found in the WSH Act, WSH (Construction) Regulations, Factories (Asbestos) Regulations, WSH (Risk Management) Regulations amongst others. To download a copy of WSH Act and its subsidiary legislations, you may wish to go to <http://www.mom.gov.sg/workplace-safety-health>
- Code of Practice on WSH Risk Management is available for download from WSH Council website at the following link :
https://www.wshc.sg/wps/PA_InfoStop/download/Code_of_Practice_on_WSH_RiskManagement.pdf
- Demolition Work – Technical Advisory. This Technical Advisory provides practical guidance on necessary measures to ensure the safety and health of all persons involved in or exposed to risks arising from demolition work. A copy of the TA can be downloaded from:<https://www.wshc.sg/wps/portal/resources?action=detailedInfoStop&fInfoStopID=IS2010012500129>