Building Rapid Assessment Form

This form is not to be used for insurance assessments or purposes other than that intended by the RBA process.
Fields with asterisks (*) are mandatory, others are optional.

RAPID BUILDING ASSESSOR (RBA) PROCESS

1 This is a: ☐ Level 1 ☐ Level 2 Rapid Building Assessment carried out under the authority of:

_____ *(Territorial Authority)* *

For a: ☐ Flood ☐ Earthquake ☐ Wind ☐ Other _____ event*

2 Team ID*: _____

Team Leader name*: _____

Team Leader ID*: _____ RBA ID number: _____

3 Assessment date*: D D M M Y Y   Assessment time*: H H : M M   ☐ AM ☐ PM
(to nearest half hour)

4 **Building name**

Number*: _____ Unit*: _____

Street*: _____

City/Town*: _____

GPS (Degree with 5 decimals after comma) South [–] , [ ] East [ ] , [ ]

Other ID or entry location: _____ Photo taken: ☐ No ☐ Yes

5 Contact name: _____

Usual occupant present: ☐ Yes ☐ No

Type: ☐ Owner ☐ Tenant ☐ Other ☐ Not available

Phone: _____ *(with area code)*

6 Existing placard*: ☐ None ☐ W ☐ Y1 ☐ R1
☐ Y2 ☐ R2

Date: D D M M Y Y

Team ID: _____ *(if provided)*

> W – White
> Y1 – Restricted access – parts of building
> Y2 – Restricted access – short term entry
> R1 – Entry prohibited – building structure
> R2 – Entry prohibited – external hazard

7 Building description

Dimensions	Construction Age	Building Type	Structure Type	Ground Floor Type	Cladding Type	Lining Type
Storeys above ground incl. ground floor Storeys below ground Footprint (m²)	A <1935 B 1935-1976 C 1977-1984 D 1985-2000 E >2000 F Unknown G Potential Heritage Building	A Housing B Communal residential C Communal non-residential D Commercial/ Office E Industrial F Critical Facility G Public Assembly H Other	A Timber frame B Steel frame C Concrete frame D Concrete shear wall E Tilt-up concrete F Reinforced masonry G Unreinforced masonry H Other	A Timber B Concrete **Upper Floor Types** A Timber B Insitu concrete C Precast hollow-core D Precast Other E Other	A Brick veneer B Sheet lining C Weatherboard D EIFS E Concrete block F Concrete panels G Steel H Glazing systems I Other	A Plasterboard B Lathe and plaster C Plywood D Other

Utilities

Water: ☐ Council reticulation   ☐ Private reticulation   ☐ Private bore   ☐ Rainwater tanks

Wastewater: ☐ Reticulated   ☐ Septic tank

8 External hazards

Potential External Hazards (relevant to current event)*	Yes	No	N/A
1 Danger of adjacent building collapsing or objects falling from adjacent buildings. Adjacent building ID or address:	☐	☐	☐
2 Land instability above	☐	☐	☐
3 Land instability below	☐	☐	☐
4 Sea wall breach	☐	☐	☐
5 Stopbank breach	☐	☐	☐
6 Flood	☐	☐	☐
7 Erosion	☐	☐	☐
8 Other	☐	☐	☐

If required add sketch on separate page showing extent and nature of the external risk factors.

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Extent of Building Assessed*		
Exterior	A	Partial
	B	Complete
Interior	C	Not accessed
	D	Partial
	E	Complete

10 Building damage and usability assessment

	Damage				
	N/A	Unknown	Minor or None	Moderate	Severe
External*	N/A	A	B	C	D
1 Collapse or partial collapse					
2 Building or storey leaning					
3 Silt depth under building					
4 Sewerage septic tank					
5 Water storage tank(s) ABOVE ground					
6 Water storage tank(s) BELOW ground					
7 Parapets, ornamentation, chimneys					
8 Cladding, glazing					
9 Utilities (eg. gas, electricity, waste water, plumbing)					
10 Other:					
Internal*	N/A	A	B	C	D
11 Foundations					
12 Roofs, floors					
13 Gravity systems (columns, beams, etc.)					
14 Lateral systems (vertical bracing)					
15 Diaphragms, horizontal bracing					
16 Precast connections					
17 Water height above floor	N/A	<0.6m	>0.6m and <1.2m	>1.2m	
18 Ceilings, light fixtures					
19 Plumbing/HWC					
20 HVAC Systems					
21 Interior walls, partitions					
22 Access/egress/(elevators/stairs/exits)					
23 Fire safety concerns					
24 Sewage contamination					
25 Other:					

11 Recommended further actions

Further Assessment*	Safety Cordon*	Barricades*	Urgency of suggested action*	Yes
A None	A ☐ None required B ☐ Cordon required Describe extent (add diagram on separate sheet if required)	A ☐ None required B ☐ Barricades already in place C ☐ Barricades required Describe extent (add diagram on separate sheet if required)	A ☐ Standard B ☐ Immediate action required	☐
B Geotechnical Assessment				☐
C Level 2 Rapid Assessment (tick below if particular expertise is required)				☐
C1 Structural Engineering Assessment				☐
C2 Other				☐
D Welfare visit required? ☐ Yes ☐ No				☐
E Further evaluation to be arranged by building owner				☐
Immediate Action Undertaken (i.e. cover scarps, disconnect power, disconnect gas)				

12 Assessment Outcome*

Observed Damage	Rapid Assessment Outcome
Light or no damage	W ☐ **CAN BE USED** (From assessment no known dangers)
Moderate damage	Y1 ☐ **RESTRICTED ACCESS TO PART(S) OF THE BUILDING ONLY**
	Y2 ☐ **RESTRICTED ACCESS – SHORT TERM ENTRY ONLY with or without supervision** Access to be supervised A ☐ Yes B ☐ No
Heavy damage	R1 ☐ **ENTRY PROHIBITED** (Severe damage to building)
	R2 ☐ **ENTRY PROHIBITED** (At risk from external factors)

I have seen a Geotechnical RAPID Assessment ☐ Yes ☐ No

If a Geotechnical RAPID assessment has not been completed, is one required? ☐ Yes ☐ No

Team Leader Signature*

If required add a sketch on a separate sheet of paper showing building damage, access restrictions or cordoning areas. Identify the building on the sketch and staple the sheet to this assessment form.

Sketch included on separate page? ☐ Yes ☐ No Sketch Unique ID:

Photos taken? ☐ Yes ☐ No

End of inspection data entry – emergency operations centre use only

Date data entry completed: D | D | M | M | Y | Y

Completed by: