

ATC-20-1 Bhutan Rapid Evaluation Safety Assessment Form

Inspection

Inspector ID: _____ Evaluation date and time: _____
 Affiliation: _____ Areas evaluated: Exterior only Exterior and interior

Building Description

Building name: _____
 Village/gewog/dzongkhag: _____
 Building owner/phone: _____
 Number of stories above ground: _____ below ground: _____
 Approx. plinth area (square meters): _____
 Number of residential units: _____
 Number of residential units not habitable: _____
 GPS coordinates: Lat: _____ Long: _____

Type of Construction

Rammed earth Brick masonry
 Stone masonry Concrete block masonry
 Ekra Timber or bamboo
 Adobe/mud block Other: _____
 RCC frame with infill

Primary Occupancy

Residential Commercial Offices
 Medical services Industrial School
 Public assembly Other: _____
 Emergency services
 Check if: Government Private
 Comments: _____
 Digital photo filenames: _____

Evaluation

Investigate the building for the conditions below and check the appropriate column.

Observed Conditions:

	Minor/None	Moderate	Severe	Comments
Collapse, partial collapse, or building off foundation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
Building or story leaning	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
Racking damage to walls, other structural damage	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
Rabsel, cornice, brick infill, or other falling hazard	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
Ground slope movement, cracking, landslide, rockfall	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
Other (specify) _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____

Comments: _____

Posting

Choose a posting based on the evaluation and team judgment. *Severe* conditions endangering the overall building are grounds for an Unsafe posting. Localized *Severe* and overall *Moderate* conditions may allow a Restricted Use posting. Post INSPECTED placard at main entrance. Post RESTRICTED USE and UNSAFE placards at all entrances.

INSPECTED (Green placard) **RESTRICTED USE** (Yellow placard) **UNSAFE** (Red placard)

Usability Category

G1 Occupiable; no immediate further investigation required. **Y1** Short-term entry **R1** Unsafe but stable. Repairs may be possible.
 G2 Occupiable; repairs may be necessary. **Y2** Repairs required for safe entry to damaged parts. **R2** Unsafe and unstable. May not be repairable.
 R3 At risk from adjacent premises or from ground failure.

Record any use and entry restrictions exactly as written on placard: _____

Further Actions

Check the boxes below only if further actions are needed.

Barricades, shoring, or bracing needed in the following areas: _____

Detailed Evaluation recommended: Structural Geotechnical Other: _____

Other recommendations: _____

Comments: _____