



HB Regional Hospital, Hastings

HBDHB DESCRIPTION – Block B Extension HA29A

2-S5000.00



INTRODUCTION:

Opus International Consultants Ltd has undertaken an 'Initial Evaluation Procedure' (IEP) of HBDHB Block B Extension, HB Regional Hospital, Hastings. The evaluation was carried out in accordance with NZ Society of Earthquake Engineering (NZSEE) guidelines (2006). The process includes internal and external non-invasive visual inspections, and an estimation of %NBS using the IEP process. Previous assessments have been used for deriving the IEP's and the values derived from detailed assessments have been adopted. Serviceability Limit State assessments for IL 4 buildings are not included.

BUILDING DESCRIPTION:

Building Name:	Block B – Ata Rangi Maternity	Building Use:	Medical Services
Design/Constructed/Upgraded:	1968	Importance Level	3
General Shape:	Rectangle	No. of Storeys:	1
Longitudinal Lateral Load Resisting System:	Light timber framing	Transverse Lateral Load Resisting System:	Light timber framing
Foundation System:	Concrete slab or piles	Other Level Floor Systems:	N/A
Roof System:	Light steel roof	Primary Cladding Type:	Stucco
Most Recent Previous Assessment:	Year: 2013 By: Opus Assessment: IEP 72% IL4		
Other Comments:			

INITIAL EVALUATION PROCEDURE:

Block B Extension is assessed as **80% NBS** when considered as an IL3 building.

0%	20%	33%	44%	67%	80%	100%
E	D	C	B	A	A+	
High Risk		Moderate Risk		Low Risk		
Earthquake Prone						

	Longitudinal	Transverse
Baseline %NBS	33	33
Factors Influencing Baseline	Public Building	
Critical Structural Weaknesses	None	None
Modification Factors	2.2	2.2
Influence on Modification Factor	MOE Guidelines, modern light building, site specific seismic study	
%NBS	80% NBS	80% NBS

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