



HB Regional Hospital, Hastings

HBDHB DESCRIPTION – Renal House HA35

2-S5000.00



INTRODUCTION:

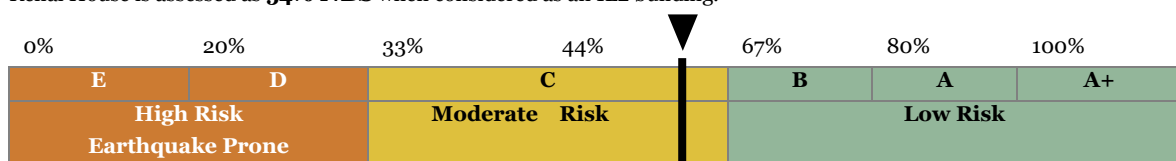
Opus International Consultants Ltd has undertaken an 'Initial Evaluation Procedure' (IEP) of HBDHB Renal House, HB Regional Hospital, Hastings. The evaluation was carried out in accordance with NZ Society of Earthquake Engineering (NZSEE) guidelines (2006). The process includes internal and external 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:	Renal House	Building Use:	Accommodation
Design/Constructed/Upgraded:	1940's	Importance Level	2
General Shape:	Irregular	No. of Storeys:	1
Longitudinal Lateral Load Resisting System:	Timber Framing	Transverse Lateral Load Resisting System:	Timber Framing
Foundation System:	Ring beam & piles	Other Level Floor Systems:	N/A
Roof System:	Corrugated Iron	Primary Cladding Type:	Stucco
Most Recent Previous Assessment:	Year: 2005 By: Holmes Consulting Group Assessment: Informal SPS 80%		
Other Comments:	IEP constrained by date of construction, likely DSA 70%		

INITIAL EVALUATION PROCEDURE:

Renal House is assessed as **54% NBS** when considered as an IL2 building.



	Longitudinal	Transverse
Baseline %NBS	24	24
Factors Influencing Baseline	-	-
Critical Structural Weaknesses	-	-
Modification Factors	2.25	2.25
Influence on Modification Factor	MOE Timber Framed Building Guidelines. Reduction for Stucco Cladding and Brick chimney.	
%NBS	54% NBS	54% NBS

Prepared by:	R Ferguson	Date:	16 October 2013
Reviewed by:	N Evans	CPEng No:	19656
Released by:	N Evans	Report Issue:	