



### HB Regional Hospital, Hastings

### HBDHB DESCRIPTION – Helicopter Service HA15

2-S5000.00



#### INTRODUCTION:

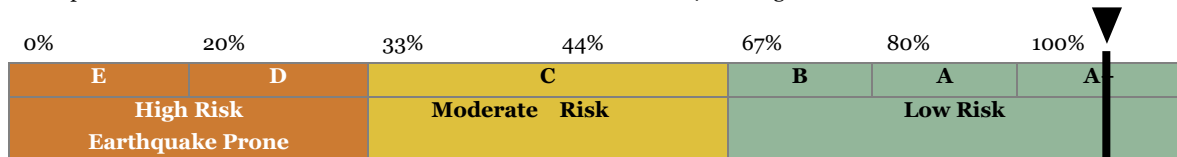
Opus International Consultants Ltd has undertaken an 'Initial Evaluation Procedure' (IEP) of HBDHB Helicopter Service, HB Regional Hospital, Hastings. The evaluation was carried out in accordance with NZ Society of Earthquake Engineering (NZSEE) guidelines (2006). The process includes internal and external 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:

<b>Building Name:</b>	Helicopter Service	<b>Building Use:</b>	Aircraft Hangar
<b>Design/Constructed/Upgraded:</b>	2000	<b>Importance Level</b>	4
<b>General Shape:</b>	Rectangle	<b>No. of Storeys:</b>	1
<b>Longitudinal Lateral Load Resisting System:</b>	Steel framing	<b>Transverse Lateral Load Resisting System:</b>	Steel portal frame
<b>Foundation System:</b>	Concrete slab	<b>Other Level Floor Systems:</b>	N/A
<b>Roof System:</b>	Steel framing with light steel cladding	<b>Primary Cladding Type:</b>	Profiled light steel
<b>Most Recent Previous Assessment:</b>	<b>Year:</b> 2005 <b>By:</b> Holmes Consulting Group <b>Assessment:</b> Informal SPS 100%		
<b>Other Comments:</b>	<b>IL4 SLS Assessment recommended</b>		

#### INITIAL EVALUATION PROCEDURE:

Helicopter Service is assessed as **100% NBS** when considered as an IL4 building.



	Longitudinal	Transverse
<b>Baseline %NBS</b>	80	80
<b>Factors Influencing Baseline</b>	-	-
<b>Critical Structural Weaknesses</b>	-	-
<b>Modification Factors</b>	1.25	1.25
<b>Influence on Modification Factor</b>	Site specific seismic study. Adequate cross bracing. No CSW's	
<b>%NBS</b>	<b>100% NBS</b>	<b>100% NBS</b>

<b>Prepared by:</b>	R Ferguson	<b>Date:</b>	10 October 2013
<b>Reviewed by:</b>	N Evans	<b>CPEng No:</b>	19656
<b>Released by:</b>	N Evans	<b>Report Issue:</b>	