



Lusail Real Estate Development Company

Health, Safety, Security, Environment, Logistics & Quality Department

Lusail Construction Safety Procedural Forms/Checklists – Acceptable Stress-Grade Lumber for Job-Made Ladders




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COMPANY PROPRIETARY INFORMATION

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Amendment Record

This document is reviewed to ensure its continuing relevance to the systems and process that it describes. A record of contextual additions or omissions is given below:

Rev. No	Description / Comments	Prepared By	Checked By	Approved By	Issue Date
1	(Pg. 1) Company Propriety Information – Not controlled if printed has been added.	HSE Working Group	Michael Ford	 Uwe Krueger	1 st April 2015
1	(Pg. 2) Revised Amendment Table	HSE Working Group	Michael Ford  Michael Ford	 Uwe Krueger	1 st April 2015



Acceptable Stress-Grade Lumber for Job-Made Ladders

Species Group	Minimum Grade 2
Coastal Sitka Spruce	Select structural 3f
Douglas Fir–Larch	No. 2 or 3a, 3d, 3f
Douglas Fir–South	No. 2 or 3d
Eastern Hemlock–Tamarack	No. 1 or 3a, 3b, 3f
Eastern Spruce	Select structural 3a, 3d
Hem–Fir	No. 1 or 3c, 3d, 3f
Lodgepole Pine	Select structural 3a, 3d
Mountain Hemlock	No. 1 or 3c, 3d, 3f
Northern Pine	No. 1 or 3 3a, 3b
Ponderosa Pine–Sugar Pine	Select structural 3d, 3f
Red Pine	Select structural 3f
Sitka Spruce	Select structural 3c
Southern Pine	No. 2 or 3e
Spruce–Pine–Fir	Select structural 3f
Western Hemlock	No. 1 or 3c, 3d
1 – Used at 19% maximum moisture content. 2 – Minimum fiber stress in bending $f_b = 1,200 \text{ lb f/in}^2$ [pound-force per square inch (psi)].	