

**MISSION VALLEY POWER ENERGY EFFICIENT HOME  
PROGRAM REQUIREMENTS 2007**

<b>Ceilings</b>	Attics _____	<b>R-49 ADV</b>
	Vaults _____	<b>R-49 ADV</b>
<b>Walls</b>	Above Grade _____	<b>R-26</b>
	Below Grade Interior with R-5 Slab Perimeter _____	<b>R-21</b>
<b>Floors</b>	Over Crawl Spaces and Unheated Basements _____	<b>R-38</b>
	Slab on Grade _____	<b>R-10</b> <b>w/R-5 TB</b>
<b>Glazing</b>	Maximum tested U Value _____	<b>U=.320</b>
	Windows – Reference Area ( <i>percentage of windows to SF of floor</i> )	
	Single Family – 15%	
	Multifamily – 12%	
<b>Exterior Doors</b>	_____	<b>R-5</b>
<b>Infiltration</b> ( <i>Natural Air Changes Per Hour @ 50 Pa</i> )	_____	<b>.35 AC/H</b>
<b>Duct Insulation</b>	Rigid _____	<b>R-11</b>
	Flexible _____	<b>R-8</b>
<b>Showerheads</b>	@ 60 psi _____	<b>2.5gpm</b>
<b>Water Heaters</b>	R-10 pad underneath _____	<b>93% EF</b>
( <i>See Approved List</i> )	0 to 59 gals. _____	
	60 to 120 gals _____	<b>91% EF</b>

Mechanical ventilation and pollutant source control required in all climate zones.  
Vapor retarder of not more than 1.0 perm shall be installed in walls and ceilings.  
Crawlspace and under slab shall have a minimum of a 6-mil black polyethylene or approved equal.

For more information ,contact Lyle Neiss at Mission Valley Power

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