



2011 LOS ANGELES GREEN BUILDING CODE
FORM GRN 9

MANDATORY REQUIREMENTS CHECKLIST
ADDITIONS AND ALTERATIONS TO RESIDENTIAL BUILDINGS OF SIX STORIES OR LESS
(INCORPORATE THIS FORM INTO THE PLANS)

Project Address: _____ Date: _____

ITEM #	CODE SECTION	REQUIREMENT	REFERENCE SHEET (Sheet # or N/A)	COMMENTS (e.g. note # or detail #)
PLANNING AND DESIGN				
1	9.106.2	Storm water drainage and retention during construction		
2	9.106.3	Surface drainage		
3	9.210.1	Appliancerating		
4	9.211.4	Exhaust access fire electrical solar system(<2,000 ft ²)		
5	9.211.4.1	Space for future electrical solar system (<2,000 ft ²)		
WATER EFFICIENCY & CONSERVATION				
6	9.303.1	20 percent savings		
7	9.303.2	Multiple showerheads, serving one shower		
8	9.304.1	Irrigation controllers		
9	9.304.1.1	Irrigation design (>500 ft ² addition and > 3,200 ft ² landscape area)		
MATERIAL CONSERVATION & RESOURCE EFFICIENCY				
10	9.406.1	Joints and openings		
11	9.407.3	Finishing details		
12	9.407.4	Material protection		
13	9.408.1	Construction waste reduction of at least 50 percent		
14	9.410.1	Operation and maintenance manual		
ENVIRONMENTAL QUALITY				
15	9.503.1	Enclosures and voids/stores		
16	9.504.1	Covering of duct openings and protection of mechanical equipment during construction		
17	9.504.2	Finish material pollutant control		
18	9.504.2.1	- Adhesives, sealants, caulks		
19	9.504.2.2	- Paints and coatings		
20	9.504.2.3	- Aerosol paints and coatings		
21	9.504.2.4	- Verification		
22	9.504.3	Carpet systems		
23	9.504.3.1	Carpet cushion		



2011 LOS ANGELES GREEN BUILDING CODE
FORM GRN 9

ITEM #	CODE SECTION	REQUIREMENT	REFERENCE SHEET (Sheet # or N/A)	COMMENTS (e.g. note # or detail #)
24	9.504.4	Resilient flooring systems		
25	9.504.5	Composite wood products		
26	9.505.2.1	Canillary break		
27	9.505.3	Maximum content of building materials		
28	9.506.1	Radon-resistant gas and vapor barrier		
29	9.507.1	Whole house exhaust fans		
30	9.507.2	Heating and air conditioning system design		



2011 LOS ANGELES GREEN BUILDING CODE
FORM GRN 16

PLUMBING FIXTURE FLOW RATES
Residential Occupancies
2011 Los Angeles Green Building Code
(Incorporate this form into the plans)

FIXTURE TYPE	FLOW RATE	MAXIMUM FLOW RATE AT > 20 percent
Showerheads	2.5 gpm @ 80 psi	2 gpm @ 80 psi
Lavatory/faucets residential	2.2 gpm @ 80 psi	1.5 gpm @ 80 psi
Kitchen faucets	2.2 gpm @ 80 psi	1.8 gpm @ 80 psi
Gravitry tank type water closets	1.6 gallons/flush	1.28 gallons/flush
Flushometer tank water closets	1.6 gallons/flush	1.28 gallons/flush
Flushometer tank water closets	1.6 gallons/flush	1.28 gallons/flush
Flushometer valve water closets	1.6 gallons/flush	1.28 gallons/flush
Urinals	1.0 gallons/flush	0.125 gallons/flush

FIXTURE TYPE	FLOW RATE	MAXIMUM FLOW RATE
Showerheads	2.5 gpm @ 80 psi	2 gpm @ 80 psi
Lavatory/faucets residential	2.2 gpm @ 80 psi	1.5 gpm @ 80 psi
Gravitry tank type water closets	1.6 gallons/flush	1.28 gallons/flush
Flushometer tank water closets	1.6 gallons/flush	1.28 gallons/flush
Flushometer tank water closets	1.6 gallons/flush	1.28 gallons/flush
Flushometer valve water closets	1.6 gallons/flush	1.28 gallons/flush
Urinals	1.0 gallons/flush	0.125 gallons/flush

*Includes single and dual flush water closets with an effective flush of 1.28 gallons/flush.
Single Flush Toilets: The effective flush volume shall not exceed 1.28 gallons (4.8 liters). The effective flush volume is the average flush volume when tested in accordance with ASME A11.2 9.233.2.
Dual Flush Toilets: The effective flush volume shall not exceed 1.28 gallons (4.8 liters). The effective flush volume is the average flush volume of two reduced flushage effective flushes. Flush volume shall be tested in accordance with ASME A11.2 9.2 and ASME A11.2 9.14.
Lavatory faucets shall not have a flow rate less than 0.8 gpm at 20 psi.



2011 Los Angeles Green Building Code
FORM GRN 11

VOC AND FORMALDEHYDE LIMITS
(Incorporate this form into the plans)

TABLE 4.694.1 2011 Los Angeles Green Building Code Tables 4.504.1, 4.504.2, 4.504.3, 4.504.4, 4.504.5, 4.504.6, 4.504.7, 4.504.8, 4.504.9, 4.504.10, 4.504.11, 4.504.12, 4.504.13, 4.504.14, 4.504.15, 4.504.16, 4.504.17, 4.504.18, 4.504.19, 4.504.20, 4.504.21, 4.504.22, 4.504.23, 4.504.24, 4.504.25, 4.504.26, 4.504.27, 4.504.28, 4.504.29, 4.504.30, 4.504.31, 4.504.32, 4.504.33, 4.504.34, 4.504.35, 4.504.36, 4.504.37, 4.504.38, 4.504.39, 4.504.40, 4.504.41, 4.504.42, 4.504.43, 4.504.44, 4.504.45, 4.504.46, 4.504.47, 4.504.48, 4.504.49, 4.504.50, 4.504.51, 4.504.52, 4.504.53, 4.504.54, 4.504.55, 4.504.56, 4.504.57, 4.504.58, 4.504.59, 4.504.60, 4.504.61, 4.504.62, 4.504.63, 4.504.64, 4.504.65, 4.504.66, 4.504.67, 4.504.68, 4.504.69, 4.504.70, 4.504.71, 4.504.72, 4.504.73, 4.504.74, 4.504.75, 4.504.76, 4.504.77, 4.504.78, 4.504.79, 4.504.80, 4.504.81, 4.504.82, 4.504.83, 4.504.84, 4.504.85, 4.504.86, 4.504.87, 4.504.88, 4.504.89, 4.504.90, 4.504.91, 4.504.92, 4.504.93, 4.504.94, 4.504.95, 4.504.96, 4.504.97, 4.504.98, 4.504.99, 4.504.100, 4.504.101, 4.504.102, 4.504.103, 4.504.104, 4.504.105, 4.504.106, 4.504.107, 4.504.108, 4.504.109, 4.504.110, 4.504.111, 4.504.112, 4.504.113, 4.504.114, 4.504.115, 4.504.116, 4.504.117, 4.504.118, 4.504.119, 4.504.120, 4.504.121, 4.504.122, 4.504.123, 4.504.124, 4.504.125, 4.504.126, 4.504.127, 4.504.128, 4.504.129, 4.504.130, 4.504.131, 4.504.132, 4.504.133, 4.504.134, 4.504.135, 4.504.136, 4.504.137, 4.504.138, 4.504.139, 4.504.140, 4.504.141, 4.504.142, 4.504.143, 4.504.144, 4.504.145, 4.504.146, 4.504.147, 4.504.148, 4.504.149, 4.504.150, 4.504.151, 4.504.152, 4.504.153, 4.504.154, 4.504.155, 4.504.156, 4.504.157, 4.504.158, 4.504.159, 4.504.160, 4.504.161, 4.504.162, 4.504.163, 4.504.164, 4.504.165, 4.504.166, 4.504.167, 4.504.168, 4.504.169, 4.504.170, 4.504.171, 4.504.172, 4.504.173, 4.504.174, 4.504.175, 4.504.176, 4.504.177, 4.504.178, 4.504.179, 4.504.180, 4.504.181, 4.504.182, 4.504.183, 4.504.184, 4.504.185, 4.504.186, 4.504.187, 4.504.188, 4.504.189, 4.504.190, 4.504.191, 4.504.192, 4.504.193, 4.504.194, 4.504.195, 4.504.196, 4.504.197, 4.504.198, 4.504.199, 4.504.200, 4.504.201, 4.504.202, 4.504.203, 4.504.204, 4.504.205, 4.504.206, 4.504.207, 4.504.208, 4.504.209, 4.504.210, 4.504.211, 4.504.212, 4.504.213, 4.504.214, 4.504.215, 4.504.216, 4.504.217, 4.504.218, 4.504.219, 4.504.220, 4.504.221, 4.504.222, 4.504.223, 4.504.224, 4.504.225, 4.504.226, 4.504.227, 4.504.228, 4.504.229, 4.504.230, 4.504.231, 4.504.232, 4.504.233, 4.504.234, 4.504.235, 4.504.236, 4.504.237, 4.504.238, 4.504.239, 4.504.240, 4.504.241, 4.504.242, 4.504.243, 4.504.244, 4.504.245, 4.504.246, 4.504.247, 4.504.248, 4.504.249, 4.504.250, 4.504.251, 4.504.252, 4.504.253, 4.504.254, 4.504.255, 4.504.256, 4.504.257, 4.504.258, 4.504.259, 4.504.260, 4.504.261, 4.504.262, 4.504.263, 4.504.264, 4.504.265, 4.504.266, 4.504.267, 4.504.268, 4.504.269, 4.504.270, 4.504.271, 4.504.272, 4.504.273, 4.504.274, 4.504.275, 4.504.276, 4.504.277, 4.504.278, 4.504.279, 4.504.280, 4.504.281, 4.504.282, 4.504.283, 4.504.284, 4.504.285, 4.504.286, 4.504.287, 4.504.288, 4.504.289, 4.504.290, 4.504.291, 4.504.292, 4.504.293, 4.504.294, 4.504.295, 4.504.296, 4.504.297, 4.504.298, 4.504.299, 4.504.300, 4.504.301, 4.504.302, 4.504.303, 4.504.304, 4.504.305, 4.504.306, 4.504.307, 4.504.308, 4.504.309, 4.504.310, 4.504.311, 4.504.312, 4.504.313, 4.504.314, 4.504.315, 4.504.316, 4.504.317, 4.504.318, 4.504.319, 4.504.320, 4.504.321, 4.504.322, 4.504.323, 4.504.324, 4.504.325, 4.504.326, 4.504.327, 4.504.328, 4.504.329, 4.504.330, 4.504.331, 4.504.332, 4.504.333, 4.504.334, 4.504.335, 4.504.336, 4.504.337, 4.504.338, 4.504.339, 4.504.340, 4.504.341, 4.504.342, 4.504.343, 4.504.344, 4.504.345, 4.504.346, 4.504.347, 4.504.348, 4.504.349, 4.504.350, 4.504.351, 4.504.352, 4.504.353, 4.504.354, 4.504.355, 4.504.356, 4.504.357, 4.504.358, 4.504.359, 4.504.360, 4.504.361, 4.504.362, 4.504.363, 4.504.364, 4.504.365, 4.504.366, 4.504.367, 4.504.368, 4.504.369, 4.504.370, 4.504.371, 4.504.372, 4.504.373, 4.504.374, 4.504.375, 4.504.376, 4.504.377, 4.504.378, 4.504.379, 4.504.380, 4.504.381, 4.504.382, 4.504.383, 4.504.384, 4.504.385, 4.504.386, 4.504.387, 4.504.388, 4.504.389, 4.504.390, 4.504.391, 4.504.392, 4.504.393, 4.504.394, 4.504.395, 4.504.396, 4.504.397, 4.504.398, 4.504.399, 4.504.400, 4.504.401, 4.504.402, 4.504.403, 4.504.404, 4.504.405, 4.504.406, 4.504.407, 4.504.408, 4.504.409, 4.504.410, 4.504.411, 4.504.412, 4.504.413, 4.504.414, 4.504.415, 4.504.416, 4.504.417, 4.504.418, 4.504.419, 4.504.420, 4.504.421, 4.504.422, 4.504.423, 4.504.424, 4.504.425, 4.504.426, 4.504.427, 4.504.428, 4.504.429, 4.504.430, 4.504.431, 4.504.432, 4.504.433, 4.504.434, 4.504.435, 4.504.436, 4.504.437, 4.504.438, 4.504.439, 4.504.440, 4.504.441, 4.504.442, 4.504.443, 4.504.444, 4.504.445, 4.504.446, 4.504.447, 4.504.448, 4.504.449, 4.504.450, 4.504.451, 4.504.452, 4.504.453, 4.504.454, 4.504.455, 4.504.456, 4.504.457, 4.504.458, 4.504.459, 4.504.460, 4.504.461, 4.504.462, 4.504.463, 4.504.464, 4.504.465, 4.504.466, 4.504.467, 4.504.468, 4.504.469, 4.504.470, 4.504.471, 4.504.472, 4.504.473, 4.504.474, 4.504.475, 4.504.476, 4.504.477, 4.504.478, 4.504.479, 4.504.480, 4.504.481, 4.504.482, 4.504.483, 4.504.484, 4.504.485, 4.504.486, 4.504.487, 4.504.488, 4.504.489, 4.504.490, 4.504.491, 4.504.492, 4.504.493, 4.504.494, 4.504.495, 4.504.496, 4.504.497, 4.504.498, 4.504.499, 4.504.500, 4.504.501, 4.504.502, 4.504.503, 4.504.504, 4.504.505, 4.504.506, 4.504.507, 4.504.508, 4.504.509, 4.504.510, 4.504.511, 4.504.512, 4.504.513, 4.504.514, 4.504.515, 4.504.516, 4.504.517, 4.504.518, 4.504.519, 4.504.520, 4.504.521, 4.504.522, 4.504.523, 4.504.524, 4.504.525, 4.504.526, 4.504.527, 4.504.528, 4.504.529, 4.504.530, 4.504.531, 4.504.532, 4.504.533, 4.504.534, 4.504.535, 4.504.536, 4.504.537, 4.504.538, 4.504.539, 4.504.540, 4.504.541, 4.504.542, 4.504.543, 4.504.544, 4.504.545, 4.504.546, 4.504.547, 4.504.548, 4.504.549, 4.504.550, 4.504.551, 4.504.552, 4.504.553, 4.504.554, 4.504.555, 4.504.556, 4.504.557, 4.504.558, 4.504.559, 4.504.560, 4.504.561, 4.504.562, 4.504.563, 4.504.564, 4.504.565, 4.504.566, 4.504.567, 4.504.568, 4.504.569, 4.504.570, 4.504.571, 4.504.572, 4.504.573, 4.504.574, 4.504.575, 4.504.576, 4.504.577, 4.504.578, 4.504.579, 4.504.580, 4.504.581, 4.504.582, 4.504.583, 4.504.584, 4.504.585, 4.504.586, 4.504.587, 4.504.588, 4.504.589, 4.504.590, 4.504.591, 4.504.592, 4.504.593, 4.504.594, 4.504.595, 4.504.596, 4.504.597, 4.504.598, 4.504.599, 4.504.600, 4.504.601, 4.504.602, 4.504.603, 4.504.604, 4.504.605, 4.504.606, 4.504.607, 4.504.608, 4.504.609, 4.504.610, 4.504.611, 4.504.612, 4.504.613, 4.504.614, 4.504.615, 4.504.616, 4.504.617, 4.504.618, 4.504.619, 4.504.620, 4.504.621, 4.504.622, 4.504.623, 4.504.624, 4.504.625, 4.504.626, 4.504.627, 4.504.628, 4.504.629, 4.504.630, 4.504.631, 4.504.632, 4.504.633, 4.504.634, 4.504.635, 4.504.636, 4.504.637, 4.504.638, 4.504.639, 4.504.640, 4.504.641, 4.504.642, 4.504.643, 4.504.644, 4.504.645, 4.504.646, 4.504.647, 4.504.648, 4.504.649, 4.504.650, 4.504.651, 4.504.652, 4.504.653, 4.504.654, 4.504.655, 4.504.656, 4.504.657, 4.504.658, 4.504.659, 4.504.660, 4.504.661, 4.504.662, 4.504.663, 4.504.664, 4.504.665, 4.504.666, 4.504.667, 4.504.668, 4.504.669, 4.504.670, 4.504.671, 4.504.672, 4.504.673, 4.504.674, 4.504.675, 4.504.676, 4.504.677, 4.504.678, 4.504.679, 4.504.680, 4.504.681, 4.504.682, 4.504.683, 4.504.684, 4.504.685, 4.504.686, 4.504.687, 4.504.688, 4.504.689, 4.504.690, 4.504.691, 4.504.692, 4.504.693, 4.504.694, 4.504.695, 4.504.696, 4.504.697, 4.504.698, 4.504.699, 4.504.700, 4.504.701, 4.504.702, 4.504.703, 4.504.704, 4.504.705, 4.504.706, 4.504.707, 4.504.708, 4.504.709, 4.504.710, 4.504.711, 4.504.712, 4.504.713, 4.504.714, 4.504.715, 4.504.716, 4.504.717, 4.504.718, 4.504.719, 4.504.720, 4.504.721, 4.504.722, 4.504.723, 4.504.724, 4.504.725, 4.504.726, 4.504.727, 4.504.728, 4.504.729, 4.504.730, 4.504.731, 4.504.732, 4.504.733, 4.504.734, 4.504.735, 4.504.736, 4.504.737, 4.504.738, 4.504.739, 4.504.740, 4.504.741, 4.504.742, 4.504.743, 4.504.744, 4.504.745, 4.504.746, 4.504.747, 4.504.748, 4.504.749, 4.504.750, 4.504.751, 4.504.752, 4.504.753, 4.504.754, 4.504.755, 4.504.756, 4.504.757, 4.504.758, 4.504.759, 4.504.760, 4.504.761, 4.504.762, 4.504.763, 4.504.764, 4.504.765, 4.504.766, 4.504.767, 4.504.768, 4.504.769, 4.504.770, 4.504.771, 4.504.772, 4.504.773, 4.504.774, 4.504.775, 4.504.776, 4.504.777, 4.504.778, 4.504.779, 4.504.780, 4.504.781, 4.504.782, 4.504.783, 4.504.784, 4.504.785, 4.504.786, 4.504.787, 4.504.788, 4.504.789, 4.504.790, 4.504.791, 4.504.792, 4.504.793, 4.504.794, 4.504.795, 4.504.796, 4.504.797, 4.504.798, 4.504.799, 4.504.800, 4.504.801, 4.504.802, 4.504.803, 4.504.804, 4.504.805, 4.504.806, 4.504.807, 4.504.808, 4.504.809, 4.504.810, 4.504.811, 4.504.812, 4.504.813, 4.504.814, 4.504.815, 4.504.8	
--	--