

*SCS does hereby certify that an independent assessment has been conducted on behalf of:*

# Community Playthings

Maple Ridge, 10 Hellbrook Lane, Ulster Park, NY, USA

For the following product(s):

## Roomscapes Furniture System:

Open Back Shelves, Roomscapes Islands, Roomscapes Panels, Arches, Gates, Teacher Door, Translucent Back Shelves, Adjustable Shelves, Book Shelves, Corner Shelves, Fixed Shelving, Shelves with Doors, Sweep Shelving, Tote Box Shelf

This product meets all of the necessary qualifications to be certified for the following claim:

## Indoor Advantage™ Gold

Indoor Air Quality Certified to SCSEC10.2-2007

*Conforms to California Specification 01350 for classroom scenario*

Registration # SCS-IAQ-01870

Valid from: 2/20/2010 to 2/19/2011



SCIENTIFIC CERTIFICATION SYSTEMS  
SCS-IAQ-01870

Certified by



SCIENTIFIC CERTIFICATION SYSTEMS  
*Certification for a sustainable world™*



A handwritten signature in black ink that reads "Robert J. Hrubes".

Robert J. Hrubes, Senior Vice President  
SCS Environmental Claims Programs  
2200 Powell Street, Suite 725, Emeryville, CA 94608 USA

# SCS CERTIFICATION ADDENDUM FOR INDOOR AIR QUALITY

**Company:**

COMMUNITY PLAYTHINGS

**Certificate Number:** SCS-IAQ-01870

**Certified Product(s):**

## ROOMSCAPES FURNITURE SET

<b>Product Model Descriptions:</b>	<ol style="list-style-type: none"> <li>1. Arches, Gates, Teacher Door (F831, F833, F838, F839, F835, F836)</li> <li>2. Roomscapes Panels (F711-F719, F731-F739, F741-F745, F747-F749, F721-F728, F763, F766, F768, F769, F783-F785, F839)</li> <li>3. Roomscapes Island (F793, F794, F795)</li> <li>4. Open Back Shelves (F662, F644, F667, F646)</li> <li>5. Translucent Back Shelves (F614, F624-F629, F648, F649)</li> <li>6. Adjustable Shelves (F621-F623, F631, F633, F641, F642)</li> <li>7. Book Shelves (F771 - F778)</li> <li>8. Corner Shelves (F671, F673, F675)</li> <li>9. Fixed Shelving (F612, F613, F643, F645, F647, F651, F652, F661, F665, F668)</li> <li>10. Shelves with Doors (F632, F634)</li> <li>11. Sweep Shelving (F672, F624, F677, F627, F674, F625, F678, F628, F676, F626,</li> <li>12. Tote Box Shelf</li> <li>13. Chalkboard Cover (F861)</li> <li>14. Clear Covers (F862 - F864, F821 - F824, F851 - F859)</li> <li>15. Mirror Covers (F841-F846)</li> </ol>
<b>Options:</b>	All additions, accessories posts, fillers, wall adapters, wings, covers, backers, canopies and fabric options are included.
<b>Certificate Type:</b>	Indoor Advantage™ Gold
<b>Standard Reference:</b>	<ol style="list-style-type: none"> <li>1. Standard for Formaldehyde and TVOC Emissions of Low-emitting Office Furniture Systems and Seating, ANSI/BIFMA X7.1-2007</li> <li>2. Standard Practice for the Testing of Volatile Organic Emissions from Various Sources Using Small-Scale Environmental Chambers, (CA/DHS/EHLB/R-174, 7/15/04)</li> <li>3. Collaborative for High Performing School Section 01350, Special Environmental Requirements (12/12/02)</li> <li>4. Collaborative for Higher Performing Schools, Best Practices Manual, Volume III: Criteria (2009 Draft Edition)</li> </ol>
<b>Model Type:</b>	*Classroom Pupil Workstations

# SCS CERTIFICATION ADDENDUM FOR INDOOR AIR QUALITY

## Model Parameters

*Maximum Emission Concentration for Classroom Workstations*

Compound	CHPS EQ 2.2, 2009 DRAFT EDITION
	CLASSROOM
TVOC	$\leq 500 \text{ ug/m}^3$
FORMALDEHYDE	$\leq 16.5 \text{ ug/m}^3$
TOTAL ALDEHYDE	$\leq 100 \text{ PPB}$
4-PHENYLCYCLOHEXANE	$\leq 0.0065 \text{ mg/m}^3$
ACETALDEHYDE	$\leq 70 \text{ ug/m}^3$
Individual VOCS (PUPIL WORKSTATION)	$\leq 1/2 \text{ CREL ug/m}^3$

CA/DHS/EHLB/R-174, 7/15/04: CA 01350, Classroom Pupil Workstation

Parameter	Unit of Measure	Parameter Value
<b>Office Dimensions &amp; Area</b>		
Room Volume	$\text{m}^3$	231
Ventilation Rate	$\text{m}^3/\text{hr}$	187
Total Pupil Workstation Units	unit	27

California Specification 01350, Section 3.10.2.1 allows for building concentrations to be calculated on a case-by-case basis using input parameters for the amount of installed products, the size of space and air change rate. Per this guidance and 2008 data of furniture installations completed by Community Playthings (CP), furniture loading parameters were based on a CP recommended "Pre-School Room". The Pre-School Room featured the most furniture loading potential and comparable floor area as specified in CA 01350 for the School Classroom Scenario (Section 4.2.4). The Collaborative for High Performance Schools (CHPS) modeling parameter for Classroom Pupil Workstations was used to predict the classroom concentration. In the case of CP, a single workstation was defined as the maximum surface area of furniture in a typical "Pre-School Room" per individual student. A maximum number of 27 workstations were used in the modeling scenario, per CA 01350 and CHPS parameters. The maximum surface area for each classroom component (storage, panels, and worksurfaces) were calculated using the guidance of ANSI/BIFMA M7.1-2007 for individual furniture components.

Community Playthings recommended room plans can be reviewed at [www.communityplaythings.com/resources/articles/RoomPlanning/SampleClassrooms](http://www.communityplaythings.com/resources/articles/RoomPlanning/SampleClassrooms).