Florida Green Home Retrofit Guidelines

Checklist Instructions

Version 1
Effective January 1, 2012
Revised 2/13/12

The state of Florida has over 8 million existing homes, which provides an excellent opportunity to save energy and save money. Homeowners that wish to green their existing homes may be on a limited budget, so the FGBC wishes to recognize even small efforts to improve the performance of your home.

The FGBC Florida Green Home Retrofit Guidelines were developed to assist homeowners and remodelers in making home improvement decisions to improve the efficiency, health and environmental friendliness of their homes. The Green Home Retrofit Guide includes assessments in 5 Categories: Energy, Water, Health, Materials, and Durability.

The Florida Green Building Coalition is providing these guidelines as an information tool and opportunity for homeowners who may wish to receive third-party verification that efficiency improvements have been incorporated into their homes.

Disclaimer
The Florida Green Building Coalition (FGBC) Green Home Retrofit Designation does not constitute an endorsement nor guarantee any performance level. The sole purpose of the program is to provide tools for homeowners who wish to implement strategies that have the potential to make a home operate in a more efficient and healthy manner.

Florida Green Building Coalition recommends the following process:

1. Complete the home assessment. This will help you understand your energy and water consumption.
2. Choose to pursue a Level 1, 2 or 3 of the FGBC Green Home Retrofit.
3. To achieve each level, a minimum of 5 upgrades are required as described below (Second Step).
4. If desired, submit the required documentation to receive an acknowledgement indicating your retrofit accomplishments.

The FGBC Green Home Retrofit program is not a certification program. For homeowners wishing to pursue a green home certification, please see the FGBC Florida Green Home Standard. The FGBC Florida Green Home Standard is a certification program that includes both new construction and existing homes for those wishing to pursue a whole house green remodel.

First Step...Complete your home assessment:

There are two assessment options.
1. Printable worksheets for the 5 categories, which can be completed by a homeowner to determine their annual energy and water use as compared to the average energy and water use in Florida. These worksheets can help you decide where the greatest potential for improvements and savings are. In addition, the worksheet helps you evaluate the durability and health of your home.

2. An Excel based evaluation tool for your homes energy use, water use, health, and durability. This tool includes helpful hints and links to additional information on conservation.

Second Step...Choose which level of retrofit you wish to complete:

Level 1  Select a minimum of 3 Energy and 2 Water conserving retrofit options for a total of 5 upgrades.
Level 2  Select a minimum of 5 Energy, 3 Water, and 2 additional retrofit options from any of the 5 categories for a total of 10 upgrades.
Level 3  Select a minimum of 5 Energy, 3 Water, 1 Health, 1 Materials, 1 Durability and 4 additional retrofit options from any of the 5 categories for a total of 15 upgrades.

Third Step... (Optional)...To receive an FGBC acknowledgement of your retrofit upgrades, complete the application form and submit to FGBC.
Florida Green Home Retrofit Guidelines
Version 1

To receive an acknowledgement of your retrofit strategies, submit this application form, the documentation required as noted in the FGBG Green Home Retrofit Reference Guide, and the appropriate payment based on the fee schedule noted below.

APPLICATION

Level Requested: ____________________________

Homeowner Name: __________________________________________________________
Home Address: ______________________________________________________________
City: _____________________________________________________________
Zip Code: _____________________________________________________________
County: _____________________________________________________________
Development/Subdivision: __________________________________________________
If known: 
Home Size (in square feet) __________________________________________________
Year Home was Built _______________________________________________________
Number of Bedrooms ______________________________________________________
Number of Bathrooms _____________________________________________________
Does the Home Have a Pool? ________________________________

Payment by Check Payable to "FGBC" or Credit Card Accepted (Visa, AX, MC & Discover)
Credit Card #: _____________________________________________________________
Expiration Date: ___________________________________________________________
Name on Card: ____________________________________________________________
Billing Zip Code: __________________________________________________________
Signature: ___________________________________________________________________

The following indicates the FGBG application fee and requirements for each level
All applications must include documentation for each upgrade claimed

<table>
<thead>
<tr>
<th>Level</th>
<th>Fee</th>
<th>Total # of Upgrades</th>
<th>Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>Level 1</td>
<td>$25</td>
<td>5</td>
<td>Select a minimum of 3 Energy and 2 Water conserving retrofit options for a total of 5 upgrades.</td>
</tr>
<tr>
<td>Level 2</td>
<td>$35</td>
<td>10</td>
<td>Select a minimum of 5 Energy, 3 Water, and 2 additional retrofit options from any of the 5 categories for a total of 10 upgrades.</td>
</tr>
</tbody>
</table>
| Level 3 | $50  | 15                  | (1) Select a minimum of 5 Energy, 3 Water, 1 Health, 1 Materials, 1 Durability and 4 additional retrofit options from any of the 5 categories for a total of 15 upgrades. 
(2) Level 3 requires that an FGBG Certifying Agent verify the installed home improvements. The fee charged by a Certifying Agent is in addition to the FGBG Green Home Retrofit Application Process Fee. You may find a list of FGBG Certifying Agents at www.FloridaGreenBuilding.org. 
(3) Once the Certifying Agent has verified the installations, the Certifying Agent will submit the application, appropriate documentation, and the processing fee to the Florida Green Building Coalition. |

Level 3 Only - Certifying Agent Authorization
CA ID#: __________________________ Typed Name: ______________________________________
Signature: ___________________________________________________________________

Submit application package to: FGBG • 3389 Plowshare Rd • Tallahassee, FL 32309 • www.FloridaGreenBuilding.org
**INPUT**

How much is your electric bill?

- January
- February
- March
- April
- May
- June
- July
- August
- September
- October
- November
- December

Total

Add 12 months of electric bills to see how much you spend on electricity each year.

**COMPARE**

<table>
<thead>
<tr>
<th>House Size</th>
<th>Bedrooms</th>
<th>Bathrooms</th>
<th>Average Florida Energy Use (kWh/year)</th>
<th>Energy Equivalent (gallons of gas/year)</th>
<th>Cost per year</th>
</tr>
</thead>
<tbody>
<tr>
<td>1001-1400 square feet</td>
<td>2</td>
<td>1</td>
<td>14,000</td>
<td>382</td>
<td>$1,680</td>
</tr>
<tr>
<td>1401-1800 square feet</td>
<td>3</td>
<td>2</td>
<td>16,500</td>
<td>450</td>
<td>$1,980</td>
</tr>
<tr>
<td>1801-2500 square feet</td>
<td>4</td>
<td>2</td>
<td>20,000</td>
<td>546</td>
<td>$2,400</td>
</tr>
<tr>
<td>Over 2500</td>
<td>4</td>
<td>3</td>
<td>25,000</td>
<td>682</td>
<td>$3,000</td>
</tr>
</tbody>
</table>

**TIPS**

**Answer "Yes" or "No" to the questions below:**

Do you....

- [ ] Turn off fans when you leave a room?
- [ ] Turn off the lights when you leave a room?
- [ ] Replace dead light bulbs with CFL bulbs?
- [ ] Turn off the TV when you leave a room?
- [ ] Unplug chargers when not being use?
- [ ] Turn off your computer when you go to sleep?
- [ ] Keep your doors and windows closed if your air conditioning is on?
- [ ] Adjust the thermostat when you leave the house?
- [ ] Replace old appliances with ENERGY STAR® appliances?

If you answered...

"Yes" to all of these, you may find more energy saving tips in the Green Retrofit Checklist

"Yes" to 7 or less of these, work on making all of your answers "yes" and see the Green Retrofit Guidelines for additional ways to save energy.

"Yes" to 2 or less of these, you have some easy opportunities to save energy and money on your electric bills. Work on turning off electronics when not in use and see the Green Retrofit Guidelines for new ideas

**Make it your goal to answer "Yes" to all of these questions!**

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**Florida Average Home Size, Energy Use and Cost per year**

- **House Size**
- **Bedrooms**
- **Bathrooms**
- **Average Florida Energy Use (kWh/year)**
- **Energy Equivalent (gallons of gas/year)**
- **Cost per year**

Add 12 months of electric bills to see how much you spend on electricity each year.
## WATER HOME ASSESSMENT

### How much is your water bill?

<table>
<thead>
<tr>
<th>Month</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>January</td>
<td></td>
</tr>
<tr>
<td>February</td>
<td></td>
</tr>
<tr>
<td>March</td>
<td></td>
</tr>
<tr>
<td>April</td>
<td></td>
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<tr>
<td>May</td>
<td></td>
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<tr>
<td>June</td>
<td></td>
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<tr>
<td>July</td>
<td></td>
</tr>
<tr>
<td>August</td>
<td></td>
</tr>
<tr>
<td>September</td>
<td></td>
</tr>
<tr>
<td>October</td>
<td></td>
</tr>
<tr>
<td>November</td>
<td></td>
</tr>
<tr>
<td>December</td>
<td></td>
</tr>
</tbody>
</table>

Add 12 months of water bills to see how much you spend on water each year.

### How much water are you using in your home per day?

**ESTIMATE**

<table>
<thead>
<tr>
<th>Number of People</th>
<th>Daily Usage</th>
<th>Galons Used Per Day</th>
</tr>
</thead>
<tbody>
<tr>
<td>12</td>
<td>x 12</td>
<td>Total</td>
</tr>
<tr>
<td>18</td>
<td>x 18</td>
<td>Total</td>
</tr>
<tr>
<td>15</td>
<td>x 15</td>
<td>Total</td>
</tr>
<tr>
<td>1</td>
<td>x 1</td>
<td>Total</td>
</tr>
<tr>
<td>11</td>
<td>x 11</td>
<td>Total</td>
</tr>
<tr>
<td>17</td>
<td>x 17</td>
<td>Total</td>
</tr>
<tr>
<td>18</td>
<td>x 18</td>
<td>Total</td>
</tr>
</tbody>
</table>

Add gallons of water to find total use:  
Multiply total gallons of water use daily:  
To see how much water is used every year:  

### TIPS

**For indoor water use, do you:****

- **Turn off water while you brush your teeth?**
- **Turn off water while you wash your hands?**
- **Shower in under 5 minutes?**
- **Fix a leak as soon as it starts?**
- **Use low-flow faucets and shower heads?**
- **Replace old fixtures and appliances with WaterSense® fixtures and appliances?**

**For outdoor water use, do you:**

- **Only water plants and grass early in the morning?**
- **Turn off sprinklers if it rained the day before or will rain the next day?**
- **Point sprinkler heads at plants, not sidewalks or driveways?**
- **Only cut your grass to as low as 3 inches?**
- **Use slow-release nitrogen and no phosphorus for fertilizer?**
- **Only use pesticides where there are spots or bug problems?**

If you answered...

"Yes" to all of these, you are a water saver! Check out the retrofit guidelines to find more water saving ideas.  
"Yes" to 7 or less of these, work on making all of your answers "yes" and see the retrofit guidelines for additional ways to save water.  
"Yes" to 2 or less of these, you have some easy opportunities to save water and money on your water bills. Work on turning off water when not in use and see the retrofit guidelines for additional water saving ideas.

Make it your goal to answer "Yes" to all of the questions!
**HEALTH HOME ASSESSMENT**

**TIPS**

Answer "Yes" or "No" to the questions below:

<table>
<thead>
<tr>
<th>Do you...</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>__________</td>
<td>Change your air filter every month?</td>
</tr>
<tr>
<td>__________</td>
<td>Take batteries, paint, electronics, and chemicals to a hazardous waste disposal site?</td>
</tr>
<tr>
<td>__________</td>
<td>Bring only natural fabrics into your home?</td>
</tr>
<tr>
<td>__________</td>
<td>Leave your bath fan on for 20 minutes after showering?</td>
</tr>
<tr>
<td>__________</td>
<td>Use exhaust fans when cooking, dishwashing, and cleaning?</td>
</tr>
<tr>
<td>__________</td>
<td>Clean mold off hard surfaces with water and detergent (NOT bleach) and dry?</td>
</tr>
<tr>
<td>__________</td>
<td>Replace any moldy carpets, ceiling tiles, wallpaper, drywall, and furniture?</td>
</tr>
</tbody>
</table>

If you answered...

"Yes" to 6 or less of these, try doing a few more to improve your air quality!

"Yes" to 2 or less of these, you can easily improve your indoor air quality by changing your habits to include these actions!

**Make it your goal to answer "Yes" to all of these questions!**

**RESOURCES**

To find low-VOC finishing products, such as paints, varnishes, and stains, look for labels by:

- GREENGUARD
- GREEN SEAL
- FloorScore

For safe, alternative cleaning products:

### All-Purpose Disinfecting Cleaner

<table>
<thead>
<tr>
<th>Ingredients</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 cups water (preferably distilled)</td>
</tr>
<tr>
<td>1.5-3 tsp liquid castile soap</td>
</tr>
<tr>
<td>1 tsp tea tree oil</td>
</tr>
<tr>
<td>(2 drops essential oil for scent)</td>
</tr>
</tbody>
</table>

Mix ingredients. Cleaner may be stored at room temperature.

### Counter/Bathtub Cleaner

<table>
<thead>
<tr>
<th>Ingredients</th>
</tr>
</thead>
<tbody>
<tr>
<td>baking soda</td>
</tr>
<tr>
<td>soap</td>
</tr>
</tbody>
</table>

### Toilet Bowl Cleaner

<table>
<thead>
<tr>
<th>Ingredients</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 cup borax</td>
</tr>
</tbody>
</table>

Pour into toilet bowl, leave overnight. Scrub and flush.

### Dusting (no chemicals needed)

<table>
<thead>
<tr>
<th>Ingredients</th>
</tr>
</thead>
<tbody>
<tr>
<td>microfiber cloth</td>
</tr>
</tbody>
</table>

### Mold/Mildew/Germ Cleaner

<table>
<thead>
<tr>
<th>Ingredients</th>
</tr>
</thead>
<tbody>
<tr>
<td>hydrogen peroxide OR distilled white vinegar</td>
</tr>
</tbody>
</table>

### Stain Removal (Countertop/Bathtub)

<table>
<thead>
<tr>
<th>Ingredients</th>
</tr>
</thead>
<tbody>
<tr>
<td>borax</td>
</tr>
<tr>
<td>OR hydrogen peroxide</td>
</tr>
<tr>
<td>OR distilled white vinegar</td>
</tr>
</tbody>
</table>

### Glass Cleaner

<table>
<thead>
<tr>
<th>Ingredients</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/4 cup white distilled vinegar</td>
</tr>
<tr>
<td>1 qt warm water</td>
</tr>
</tbody>
</table>

Mix ingredients. Apply with spray bottle or sponge, wipe dry.

### Rust Removal

<table>
<thead>
<tr>
<th>Ingredients</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 lime</td>
</tr>
<tr>
<td>salt</td>
</tr>
</tbody>
</table>

Sprinkle salt onto the rust, squeeze lime juice onto salt until it is well-soaked. Let sit for 2-3 hours. Scrub off rust with lime.

### Cleaner Additive for Scent/Air Freshener/Candle Replacement

<table>
<thead>
<tr>
<th>Ingredients</th>
</tr>
</thead>
<tbody>
<tr>
<td>essential oils (e.g., lavender, rose, vanilla, pine, chamomile, cinnamon, eucalyptus, grapefruit, lemon, orange)</td>
</tr>
</tbody>
</table>
**DURABILITY HOME ASSESSMENT**

**Answer "Yes" or "No" to the questions below:**

<table>
<thead>
<tr>
<th>Do you....</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Have impact-resistant shutters or screens on windows, skylights, and glass doors?</td>
<td></td>
</tr>
<tr>
<td>Have rain gutters that let water out at least 3 feet away from the house?</td>
<td></td>
</tr>
<tr>
<td>Have secondary water protection on your roof, such as roofing underlayment?</td>
<td></td>
</tr>
<tr>
<td>Have water and non-refrigerated food stored in your home for emergencies?</td>
<td></td>
</tr>
<tr>
<td>Have local emergency phone number and evacuation zone information?</td>
<td></td>
</tr>
<tr>
<td>Have a checklist for steps to take during a disaster?</td>
<td></td>
</tr>
</tbody>
</table>

**If you answered...**

"Yes" to all of these, great job to provide a durable home.

"Yes" to 5 or less of these, review the above list and the retrofit guidelines for additional ways to improve your homes durability.

"Yes" to 2 or less of these, try to complete the above items and review the retrofit guidelines for new durable ideas.

*Make it your goal to answer "Yes" to all of these questions!*
Florida Green Home Retrofit Guidelines
Version 1
Checklist - Choose Your Upgrades!

ENERGY

E1 Weatherize home by doing ALL of the following:
   1. Replace weather-stripping on exterior doors
   2. Remove HVAC vent covers (diffusers) and install gaskets or caulk behind them, reinstall
   3. Remove trim around recessed can lighting and install gaskets or caulk behind them, reinstall
   4. Remove electrical outlet covers on exterior walls and install gaskets or caulk behind them, reinstall

E2 Replace a minimum of 75% of installed light bulbs with CFL or LED light bulbs

E3 Replace thermostat with a programmable thermostat

E4 Increase attic insulation to a minimum of R-38 at the ceiling

E5 Add a radiant barrier in the attic to the underside of the roof sheathing

E6 Add window tint film to decrease heat gain from the sun into your home

E7 Install/replace with motion/light sensors to all exterior lighting

E8 Replace an old refrigerator with a new ENERGY STAR® refrigerator

E9 Replace an old dishwasher with a new ENERGY STAR® dishwasher

E10 Replace an old clothes washer with a new ENERGY STAR® clothes washer

E11 Install new ENERGY STAR® ceiling fans in the main living area and 75% of bedrooms

E12 In all bathrooms without exhaust fans, install new ENERGY STAR® exhaust fans

E13 Install and set timer on water heater

E14 Replace hot water heater with state certified solar or ENERGY STAR® hot water heating system

E15 Replace HVAC system with new, properly sized per current or manual J calculations, air conditioning system with SEER 15 and 8.5 HSPF minimum efficiency

E16 Seal ductwork and joints with mastic to prevent leaks

E17 Have duct work smoke tested for leaks and sealed by a professional if necessary

E18 Spray foam, minimum R-19, to the bottom of the roof deck to create an unvented attic

E19 Re-roof: replace with roofing that is ENERGY STAR® labeled

E20 Repaint home exterior in a color with light reflective value of greater than 50

E21 Change existing pool heater to solar

E22 Replace pool pump with ENERGY STAR® pool pump

E23 Plant trees for shade East/West; in North Florida deciduous trees, based on coverage with 5 years in ground growth

TOTAL (Minimum 3 for Level 1, Minimum 5 for Level 2, Minimum 5 for Level 3)
WATER

Interior Water Saving
____ W1 Change rubber hoses to reinforced hoses
____ W2 Replace showerheads with 2.0 gallons per minute (gpm) or lower flow rate showerheads
____ W3 Install aerators for bathroom faucets (1.5 gpm)
____ W4 Replace dishwasher with ENERGY STAR® appliance using less than or equal to 5.8 gallons per cycle (gpc)
   (Note: if you claim this point in ENERGY, you cannot claim it again in WATER)
____ W5 Replace clothes washer with ENERGY STAR® labeled water saving clothes washer
   (Note: if you claim this point in ENERGY, you cannot claim it again in WATER)
____ W6 Re-plumb residence with PEX manifold type system
____ W7 Add on demand (button or switch triggered) water recirculation pump to existing system
____ W8 Remove existing garbage disposal
____ W9 Replace toilets with WaterSense® or minimum MaP 350, dual flush or maximum 1.28 gpf toilets
____ W10 Install grey water collection on bathroom sinks to reuse for toilet flushing

Exterior Water Saving
____ W11 Install a rain gauge that will shut off irrigation during rain events
____ W12 Update irrigation controller to a programmable controller
____ W13 Install cistern(s), minimum 250 gallons total capacity, for irrigation
____ W14 Turf area less than 50% of landscaped area
____ W15 50% of all landscape plants are on the Florida Friendly Plants list
____ W16 Replace a minimum of 200 square feet of turf with Florida Friendly Plants
____ W17 Install rain barrels for rainwater harvesting
____ W18 Add a pool cover to an existing pool
____ W19 Have an irrigation professional perform a “check up” on existing irrigation system
____ W20 Permanently abandon existing irrigation system
____ TOTAL (Minimum 2 for Level 1, Minimum 3 for Level 2 and Minimum 3 for Level 3)

HEALTH
____ H1 Use green cleaning products
____ H2 Replace existing bathroom exhaust fans with ENERGY STAR® labeled exhaust fans that include a timer or humidistat
____ H3 Use low-VOC paints, stains, finishes, as defined in the Reference Guide, on all interior surfaces
____ H4 Replace at least 50% of existing carpet with healthy flooring, as defined in the Reference Guide
____ H5 Seal wall/openings between garage and conditioned residence
____ H6 Install fixed exhaust fan with motion sensor and timer in garage
____ H7 Install carbon monoxide alarms: Entrances to garage and to all sleeping areas
____ H8 Install dehumidifier in HVAC system
____ H9 Install make-up air source to laundry room located within the conditioned envelope
____ H10 Replace range hood with exterior ducted, ENERGY STAR® labeled range hood
____ H11 Tape and mastic any air handler located in unconditioned space
____ H12 Make or install a mud room or otherwise usable entry area
____ TOTAL (Minimum 0 for Level 1, Minimum 0 for Level 2, Minimum 1 for Level 3)
MATERIALS

___ M1  Dedicated recycling bins in place
___ M2  Use locally sourced materials
___ M3  Use non-cypress mulch
___ M4  Develop a construction and demolition waste management plan
___ M5  Implement a recycle, reuse, repurpose plan for construction
___ M6  Engineered/alternative materials for outdoor living

___ TOTAL  (Minimum 0 for Level 1, Minimum 0 for Level 2, Minimum 1 for Level 3)

DURABILITY

___ D1  Have a hurricane plan and a hurricane kit available
___ D2  Attic sealed to prevent water intrusion and to mitigate uplift
___ D3  Exterior structures properly anchored
___ D4  Improve tie-downs of house trusses and foundation
___ D5  Brace gable roofs
___ D6  Add a hurricane system, other than plywood or OSB, for window and door protection
___ D7  Replace garage door and tracks with hurricane resistant system
___ D8  Re-roofing: Install secondary water protection
___ D9  Install gutters and downspouts to divert water at least 3’ away from foundation

___ TOTAL  (Minimum 0 for Level 1, Minimum 0 for Level 2, Minimum 1 for Level 3)

Determine Your Project Retrofit Level

<table>
<thead>
<tr>
<th>Level 1: 5 Upgrades Required</th>
<th>Level 2: 10 Upgrades Required</th>
<th>Level 3: 15 Upgrades Required</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of Upgrades Completed</td>
<td>Number of Upgrades Completed</td>
<td>Number of Upgrades Completed</td>
</tr>
<tr>
<td>Energy Upgrades</td>
<td>Energy Upgrades</td>
<td>Energy Upgrades</td>
</tr>
<tr>
<td>(3 Min.)</td>
<td>(5 Min.)</td>
<td>(5 Min.)</td>
</tr>
<tr>
<td>Water Upgrades</td>
<td>Water Upgrades</td>
<td>Water Upgrades</td>
</tr>
<tr>
<td>(2 Min.)</td>
<td>(3 Min.)</td>
<td>(3 Min.)</td>
</tr>
<tr>
<td>Health Upgrades</td>
<td>Health Upgrades</td>
<td>Health Upgrades</td>
</tr>
<tr>
<td>(0 Min.)</td>
<td>(0 Min.)</td>
<td>(0 Min.)</td>
</tr>
<tr>
<td>Materials Upgrades</td>
<td>Materials Upgrades</td>
<td>Materials Upgrades</td>
</tr>
<tr>
<td>(0 Min.)</td>
<td>(0 Min.)</td>
<td>(0 Min.)</td>
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<tr>
<td>Durability Upgrades</td>
<td>Durability Upgrades</td>
<td>Durability Upgrades</td>
</tr>
<tr>
<td>(0 Min.)</td>
<td>(0 Min.)</td>
<td>(0 Min.)</td>
</tr>
<tr>
<td>Additional Upgrades</td>
<td>Additional Upgrades</td>
<td>Additional Upgrades</td>
</tr>
<tr>
<td>(0 Min.)</td>
<td>(2 Min.)</td>
<td>(4 Min.)</td>
</tr>
<tr>
<td><strong>Total Upgrades</strong></td>
<td><strong>Total Upgrades</strong></td>
<td><strong>Total Upgrades</strong></td>
</tr>
</tbody>
</table>

FGBC Reviewer: ________________________________

Signature: ________________________________

Date Reviewed: ____________________