 **Eco-*Sustainability***  **Platinum Level**  **Please complete this application and email it to** “**kingfad2020@gmail.com**” **You will be contacted by Eco-FHC member after processing your application . An eco-rating (Silver, Gold, Platinum Levels) is awarded based on your overall bottom Survey responds. For any questions Please call us at 703-371-6176. Thank you for your membership. Membership Application and Survey**: -

Participating Hotel’s Name:

Hotel Manager or Dept. executive Name: Hotel’s Address: Phone #: Email: Date:

**Eco-FHC is Non-profit Organization under Internal Revenue Code 501(c)(3), that your Membership / Donations will be Tax-exempted. Following Amounts are based on number of Rooms in an Eco-Friendly Hotel; Please choose & mark “X“ next to one of the following amounts:**

 **Number of Rooms                       Annual Membership Fee**

  **1-50 (Tier 1)                                     $100
51-100 (Tier 2)                                   $200
101-150 (Tier 3)                                $250
150-200 (Tier 4)                               $300
200-250 (Tier 5) $450 300-400+ (Tier 6)                             $550 500+ (Tier7) $750**

Date: Hotel MGMT please sign or Print Name here:

 Eco-FHC PM Sign or Print Name here:

**3.** **Platinum Level**   **Eco-*Sustainability***

**Marking 16 correct Boxes including 3 Renewable energy Boxes and Pledging to establish the rest will give your Green Hotel The Platinum Level Certificate**

**Optional Linen Reuse**

***After Reading Please Mark X on to the left Boxes***

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We leave each guest room signage card explaining of guest optional Linen reuse service and only change Linen if guest request it.

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We Train for the Optional guest reuse policy to all our Hotel Staff in general and Specifically Housekeeping Department crew.

**3.1. Purchasing Eco-Friendly Products**

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 We buy green for cleaning and guest amenity products; because we care the health being of our Hotel Guests, as well as hotel staff in general Specially Housekeeping and Laundry crews.

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We at Hotel’s Engineering Department buy efficient products for Energy and Water Conservation in all aspects of Hotel’s Energy and Water Equipment.

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We purchase an energy efficient product Benefit by reducing

Energy costs without compromising quality or performance with High return on investment and Extended product life and decreased maintenance.

 **Engineering (Maintenance) Department – 1) Energy Conservation and 2) Water Conservation**

* + 1. **Energy Conservation:-**

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Our maintenance staff regularly checks and cleans HVAC filters, condenser, and evaporator coils to keep them running efficiently. In summer, they close drapes and lower thermostats in areas that aren’t being used.

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Our Maintenance Install timers on bathroom heat lamps and consider connecting bathroom exhaust fans to light switches to reduce excessive operation. Also, they Seal cracks around windows, doors, and through-the-wall or window type HVAC units with caulk and weather-strip doors and operable windows

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We shut down electronics when not in use and use power strips. Even appliance that are not in use or are turned off can draw current (aka vampire energy loss).

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We have an energy audit performed on our Hotel. We Switch to LED light bulbs have an astounding lifespan – they will last up to 50,000 hours! This means that a string of LED holiday lights from today will still work 40 holiday seasons from now. Not only do the LED bulbs last almost forever, they are durable. An LED bulb can bounce on the floor and will not break. CFL bulbs are the opposite – they are quite fragile and likely to break and when they break, the mercury that is potentially a harmful substance to Human body, that is inside the bulb.

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When replacing appliances, we look for high-efficiency for Energy products. We check insulation levels code with the U.S. Dept. of Energy recommends in our area

* 1. **House Keeping & Laundry Department’s – Energy and Water Conservation:-**
		1. **Energy Conservation** After reading *Please Mark* ***X*** *on left Boxes*

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Hotel’s housekeeping staff is on board for Energy Conservation. They do little things in each room such as resetting thermostat, opening drapes on sunny days, reporting water leaks, and turning off lights that can really add up and save energy.

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House Keeping Staff turn off lights and air-conditioning in the rooms not in use and this is the first step of energy conservation activities is elimination of waste Energy, which means that we are aware of the importance of making thorough efforts to small matters will result in great energy conservation.

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During guest room cleaning, Housekeepers turn off indoor air-conditioning units (fan coils and others), because outdoor or Hallway air-conditioning units are still working. They also try to open curtains whenever possible to let sunlight in the rooms during the cleaning work, so that a lamp should be lit only in a dark place, such as a bathroom.

* + 1. **Housekeeping Water Conservation**

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Our Housekeeping Department Inform Maintenance Department to fix all leaks they found during their guest room cleaning. Since Small leaks can add up to many gallons.

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In Laundry We Wash linen at a lower temperature and more air-dry both save money, also we invest in high-efficiency units that use less energy and water.

* 1. **Engineering (Maintenance) Department – 3.4. 1) Eng. Energy Conservation and 3.4.2) Eng. Water Conservation**
		1. **Eng. Energy Conservation:-**

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 **3.2.2 Platinum Hotel Renewable Energy & Water Conservation**

 Renewable energy is fast becoming a highly desired type of energy. According to the [International Energy Agency](http://www.iea.org/) (IEA), renewable energy will be the second most used source of electricity in the United States. “***LEED certification*** *is a growing trend and concern among hotel developers, architects, hotel brands and consumers. Developed by the* ***United States Green Building Council (USGBC)****,* ***the Leadership in******Energy and Environmental Design (LEED)****; Green Building Rating System takes into consideration environmental and human health issues in determining hotels and other buildings to be environmentally-friendly.”*

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Our Hotel has Onsite renewable energy sources (photovoltaics)

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Our Hotel use High efficiency envelopes (efficient windows and high R-value insulation)

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We Use High efficiency HVAC system

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Our Hotel has Building automation systems (BAS): **Building automation** is the automatic centralized control of a **building's** HVAC (heating, ventilation and air conditioning), electrical, lighting, shading, Access Control, Security **Systems**, and other interrelated **systems** through a **Building** Management **System** (BMS) or **Building Automation System** (**BAS**)

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Our Hotel is planning for solar orientation

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Daylighting and high efficiency lighting

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We Use solar thermal systems to heat water for a wide variety of uses such as boiler preheating, swimming pools and domestic water uses.

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We use Water saving fixtures and technologies, e.g  [Water Sense labeled irrigation controllers](https://19january2017snapshot.epa.gov/www3/watersense/products/controltech.html) can save you water, time, and money when compared to standard models – EPA).

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Rainwater harvesting system

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Does your Hotel have or planning for solar orientation.

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Do your Hotel has or may have an Onsite renewable energy sources (photovoltaics),

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Does your Hotel has or may have High efficiency envelopes (efficient windows and high R-value insulation

* 1. **Water Conservation**

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We Installed low-flow or high-efficiency toilets and showerheads with a flow of 2.5 gallons per minute or less and we also installed sink aerators to reduce the flow to 1.5 gallons per minute.

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We Use water-saving faucets and showerheads and urinals to save water. We also fix all leaks. Since Small leaks add up to many gallons of water and dollars wasted each month. Water conservation saves energy and money.

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We Install an insulation blanket on water heaters seven years of age or older, and insulate the first 3 feet of the heated water "out" pipe on both old and new units.

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If buying a new water heater, always buy the most efficient model possible. In areas of infrequent use, consider "tank-less" water heaters to reduce "standby" storage costs and waste.

Set water temperature only as hot as needed (110-120 degrees) to prevent scalds and save energy (check local codes for specific temperatures).

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When landscaping, practice xeriscaping by using plants native to your climate that require minimal watering and possess better pest resistance. If local code allows, consider diverting "gray water" for irrigation.

* 1. **Food & Beverage Department’s – Energy and Water Conservation:-**

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That all Kitchen electric operating Equipment’s including (Ovens, Grill, Freezer, Refrigerators and Dishwasher) are all Energy Efficient.

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That all Kitchen Equipment are routinely cleaned thoroughly using coils with green cleaning products.

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We installed aerators on kitchen sinks to reduce each faucet’s flow to 2.5 gallons per minute or less; Use 1.6 gallons-per- minute pre-rinse spray valves to rinse dishes. Use boiler-less steamers that consume three gallons per hour or less. *Water savings potential: 162,000 gallons per year; energy savings potential: 26,000 kilowatt-hours per year.*

* 1. **Hotel Waste Management by Reducing , Reusing and Recycling waste**

We at -------------------------Hotel surely:- **A) Reduce**, **B) Reuse** or **C) Recycle** our waste Products.

1. **Reduce Waste:**-

The best way to manage waste is to not produce it. So, We shop carefully and being aware of a few guidelines:-

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We buy products in bulk, Larger, economy-size products or ones in concentrated form use less packaging and usually cost less per ounce.

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In our Guest Room Amenities we Use refillable shampoo bottles rather than single-use bottles instruct housekeeping staff to save and reuse unopened items

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We avoid disposable goods, such as paper plates, cups, napkins, razors, and lighters. Throwaways contribute to the problem, and cost more because they must be replaced again and again.

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We buy durable goods - ones that are well-built or that carry good warranties. They will last longer, save money in the long run and save landfill space.

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At work make two-sided copies whenever possible. Use electronic mail as necessary instead of paper mail.

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Use cloth napkins instead of paper napkins.

1. **REUSE Products.**

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We reuse products for the same purpose. Save paper and plastic bags, and repair broken appliances, furniture

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We Use re-sealable containers rather than plastic wrap.

We Use a ceramic coffee mug instead of paper cups.

 We reuse grocery bags or bring your own cloth bags to the store.

1. **RECYCLE waste** *If Correct,**Please Mark* ***X*** *onto the left Boxes*

Recycling is a series of steps that takes a used material and processes, remanufactures, and sells it as a new product. Begin recycling at Hotel------------------for the following methods:-

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We buy products made from recycled material. Look for the recycling symbol or ask store managers or salesmen. The recycling symbol means one of two things either the product is made of recycled material, or the item can be recycled. Buy products made from material that is collected for recycling in your community.

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We Checked collection centers and curbside pickup services to see what they accept, and begin collecting those materials. This includes: include Plastic & metal cans, newspapers, paper products, glass, plastics and oil.

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We purchase recycled materials at work when purchasing material for office supply, office equipment or manufacturing. Speak to store managers and ask for products and packaging that help cut down on waste, such as recycled products and products that are not over packaged.

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Use recycled paper for letterhead, copier paper and newsletters.

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Aluminum and Steel cans

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Plastic and Glass bottles, cups and Plates

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Office paper copies and Guest Newspapers