



COVANTA HEMPSTEAD ENERGY-FROM-WASTE FACILITY TOUR

Co-Sponsors: ISA-LI / ASME-LI / Stony Brook University Student ASME

Date: Wednesday, October 23, 2019

Time: 5:30PM – 6:00PM Sign-In 6:00PM – 8:00PM Tour

** When you arrive at the security booth, let them know you are here for a tour and they will direct you to the administration building **

Location: Covanta Hempstead Energy-From-Waste Facility
600 Merchants Concourse, Westbury, NY 11590

Cost: Attendance is free of charge for all attendees

Registration: Please register by contacting Tony Munisteri at tonymunisteri@gmail.com no later than October 16, 2019.

Please provide name, daytime phone number, company and society affiliation.

Program Description: ISA-LI, ASME-LI and SBU Student ASME have organized this tour of the Covanta Hempstead Energy-From-Waste Facility. The tour will begin promptly at 6:00PM, run for about 2 hours, and will include an information and video session followed by a walking tour of the facility where we will visit the control room and the refuse crane.
** PLEASE NOTE THERE IS NO ELEVATOR IN THE ADMIN BUILDING **
** YOU WILL HAVE TO WALK UP/DOWN STAIRS DURING THIS TOUR **

Dress Code: Please dress appropriately. You must wear long sleeves (can be a shirt, blouse, or jacket), long, ankle-length pants with socks, and flat heel shoes or work boots. The plant tour will be both indoors and outdoors. See attached Check List.

Plant Information: Covanta Hempstead Company, located on 15 acres in Westbury, NY, began commercial operation in October 1989 marking the first U.S. installation of a globally successful mass burn technology by Deutsche Babcock Anlagen. As Long Island's largest Energy-from-Waste facility, Covanta Hempstead processes 2700 tons per day of municipal solid waste accepting delivery of waste 6 days a week and processes 24 hours a day. Steam created in the combustion process drives an 80-megawatt turbine generator, producing electricity for in-plant use and for sale to the local utility. In addition, Covanta Hempstead has averaged more than 25,000 tons of ferrous and 2,800 tons of non-ferrous material recovered each year for re-sale in the scrap market.

Air pollution control equipment includes: Semi-dry flue gas scrubbers injecting lime slurry, reverse air fabric filter baghouses, urea-based selective non-catalytic reduction systems for nitrogen oxide control, and a continuous emissions monitoring system.

Here is a link for additional information:

<https://www.covanta.com/our-facilities/covanta-hempstead>

COVANTA

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A Guided Facility Tour Checklist (Adult¹)

BEFORE YOU ARRIVE:

Please dress properly for your Covanta facility tour. On the day of your tour, please wear:

- Long sleeves (can be a shirt, blouse or a jacket)
- Long, ankle length pants and socks
- Flat heel shoes or work boots



Do not wear the following on a tour: sandals, open toe, high-heel, or stiletto footwear. All visitors will be required to wear protective glasses, a hard hat and hearing protection provided by the facility.

Note: Although many areas on our tour route can be accessed using elevators, if you or someone in your party has special needs please call the facility in advance of your tour for further information.

AFTER YOU ARRIVE:

After you arrive at one of our facilities, please make sure your tour guide provides the following safety gear and instruction before you begin your guided tour:

- Hard hat
- Protective glasses
- Reflective vest
- Ear protection
- Visitor tour video and safety briefing

You must be able to check ALL of the above boxes to begin your guided tour. Covanta facilities are industrial facilities and it is important to stay with your tour guide at all times. Never wander away on your own. Always be safe and enjoy your tour.

¹*These are Covanta's requirements for tours on the tour route. Any deviation off tour route for longer than 30 minutes requires advanced personal protective equipment (PPE) and other requirements that should be discussed in advance with your Covanta contact.*