



OTA Outlook is an electronic newsletter produced by the Massachusetts Office of Technical Assistance and Technology (OTA).



OTA Outlook: Winter 2017

In This Issue:

- [New TURA Higher Hazard Substance: Toluene Diisocyanates \(TDI\)](#)
- [Does Your Facility Coincidentally Manufacture Reportable Substances?](#)
- [Massachusetts RPAs To Provide Climate Change Resiliency Trainings](#)
- [Mark Richey Woodworking Receives Governor's Citation for Environmental Stewardship](#)
- [OTA Survey: What Do You Need From Us?](#)
- [Upcoming Trainings & Webinars](#)

New TURA Higher Hazard Substance: Toluene Diisocyanates (TDI)

As of January 1, 2017, 2,4-TDI (CAS 584-84-9); 2,6-TDI (CAS 91-08-7); and TDI Mixed Isomers (CAS 26471-62-5) are designated as Higher Hazard Substances (HHS).

For businesses using these substances, tracking chemical use is required beginning in January 1, 2017 and the first annual reports are due to MassDEP by July 1, 2018. The new reporting threshold for these substances is 1000 pounds per calendar year for all uses.

Does Your Facility Coincidentally Manufacture Reportable Substances?

Businesses that coincidentally manufacture chemical substances may experience difficulties with making threshold determinations. Violations and fees can arise due to errors in calculations, misclassification of chemical activity, overlooking chemical activity used in production, and overlooking chemicals contained in mixtures. [Also, some chemicals have thresholds of 1000 pounds or less under TURA while the TRI thresholds may be much higher.](#)

Below are some situations in which substances can be coincidentally manufactured.

- Metal processing and electroplating facilities can coincidentally manufacture compounds of: metal cyanides, lead, zinc, chromium, copper, silver, nickel, and cadmium.
- Users of nitric acid can coincidentally manufacture nitrate compounds in the process of use and/or wastewater treatment.
- Users of ammonium bifluoride and ammonium fluoride can coincidentally manufacture solution hydrogen fluoride (HF).
- Facilities that manufacture, process, or otherwise use paraformaldehyde can coincidentally manufacture formaldehyde.

OTA staff are available free of charge to confidentially assist businesses with TURA and TRI reporting requirements. [Contact the OTA specialists listed here](#) or call 617-626-1060 for assistance.

Massachusetts RPAs To Provide Climate Change Resiliency Trainings

OTA is pleased to announce that the following Massachusetts Regional Planning Agencies have been awarded funds to participate in the [Building Chemical Safety into Climate Change Resiliency Planning Project](#):

- [Central Massachusetts Regional Planning Commission](#) (CMRPC)
- [Franklin Regional Council of Governments](#) (FRCOG)
- [Merrimack Valley Planning Commission](#) (MVPC)
- [Montachusett Regional Planning Commission](#) (MRPC)
- [Northern Middlesex Council of Governments](#) (NMCOG)
- [Pioneer Valley Planning Commission](#) (PVPC)
- [Southeastern Regional Planning and Economic Development District](#) (SRPEDD)

The funding is part of a US Environmental Protection Agency (US EPA) grant to help first responders, businesses, and communities prevent climate change weather-related industrial accidents through emergency preparedness.

Find more information at www.mass.gov/eea/ota-climate

[Click Here to View the Press Release](#)

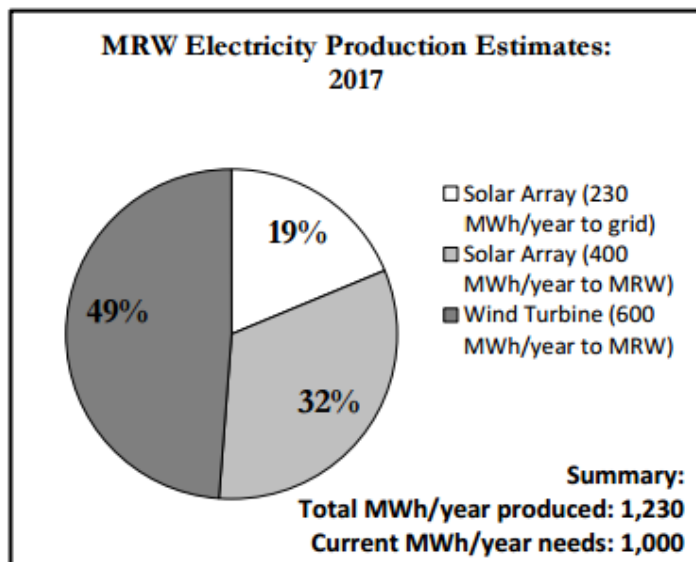
Mark Richey Woodworking Receives Governor's Citation for Environmental Stewardship

State and local officials as well as representatives from neighboring Newburyport businesses gathered at the Mark Richey Woodworking facility on October 27th, 2016. The event was held in honor of Manufacturing Month in Massachusetts and consisted of speakers and a tour of the facility.



Through a number of improvements and key management decisions between 2005 and 2016, Mark Richey Woodworking Inc. (MRW) has implemented several alternative energy and renewable energy systems in their facility (including a biomass boiler, 600 kW wind turbine, and 500 kW solar array), and has risen as a leader in their industry in terms of energy efficiency measures implemented at the facility.

By 2017 the facility is expected to, on average, produce more electricity than it currently needs to operate. The excess generating capacity will allow MRW to expand production while still using renewable electricity (see the chart).



[Click Here to View the Full Case Study](#)

OTA Survey: What Do You Need From Us?

Respond anonymously to let OTA know which newsletter articles are most helpful for you. [Take the survey!](#)

We need your feedback!

Click here to tell OTA what you'd like to see in future newsletters



 Follow OTA on Twitter @Mass_OTA

 Check out OTA's website

 Email OTA



Upcoming Trainings & Webinars

January

1/19 [Environmental Management System \(EMS\)](#) (TURI)

1/26 [Live Demo Webinar of TRI-MEweb 2.0](#) (EPA)

February

2/9 [Beyond the MSDS](#) (TURI)

2/16 [Using Toxics Use Reduction Planning Techniques to Improve Efficiency and Promote a Safer Work Environment](#) (TURI)

The Central Massachusetts Business Environmental Network (CMBEN) is a network of EHS Managers and other EHS professionals serving industry in Central Massachusetts. Take advantage of this know-how by attending the informative sessions.

To join the CMBEN email list, contact Isabelle Lavigne from Irwin Engineers at ilavigne@irwinengineers.com, or call her at (508) 653-8007 ext. 10.

The next meetings are tentatively scheduled for:

March 14, 2017 – The Evolving Roles of EHS Managers - WRCC

May 9, 2017 – Industrial Ventilation and OSHA Update - TBD

September 12, 2017 – Life Cycle Analysis, Evolution of Product Certifications, REACH - WRCC



Governor: Charles D. Baker Jr.
Lieutenant Governor: Karyn E. Polito
EEA Secretary: Matthew A. Beaton
OTA Director: Richard A. Bizzozero

Commonwealth of Massachusetts
Executive Office of Energy & Environmental Affairs
Office of Technical Assistance and Technology
100 Cambridge Street, Suite 900
Boston, Massachusetts 02114
Phone: (617) 626-1060 Fax: (617) 626-1095

This email was sent to <<Email Address>>

[why did I get this?](#) [unsubscribe from this list](#) [update subscription preferences](#)

Massachusetts Office of Technical Assistance · 100 Cambridge St. · Suite 900 · Boston, Massachusetts 02114 · USA

MailChimp