

National Emphasis Program -  
Occupational Exposure to Isocyanates  
CPL 03-00-017

# NEP Review

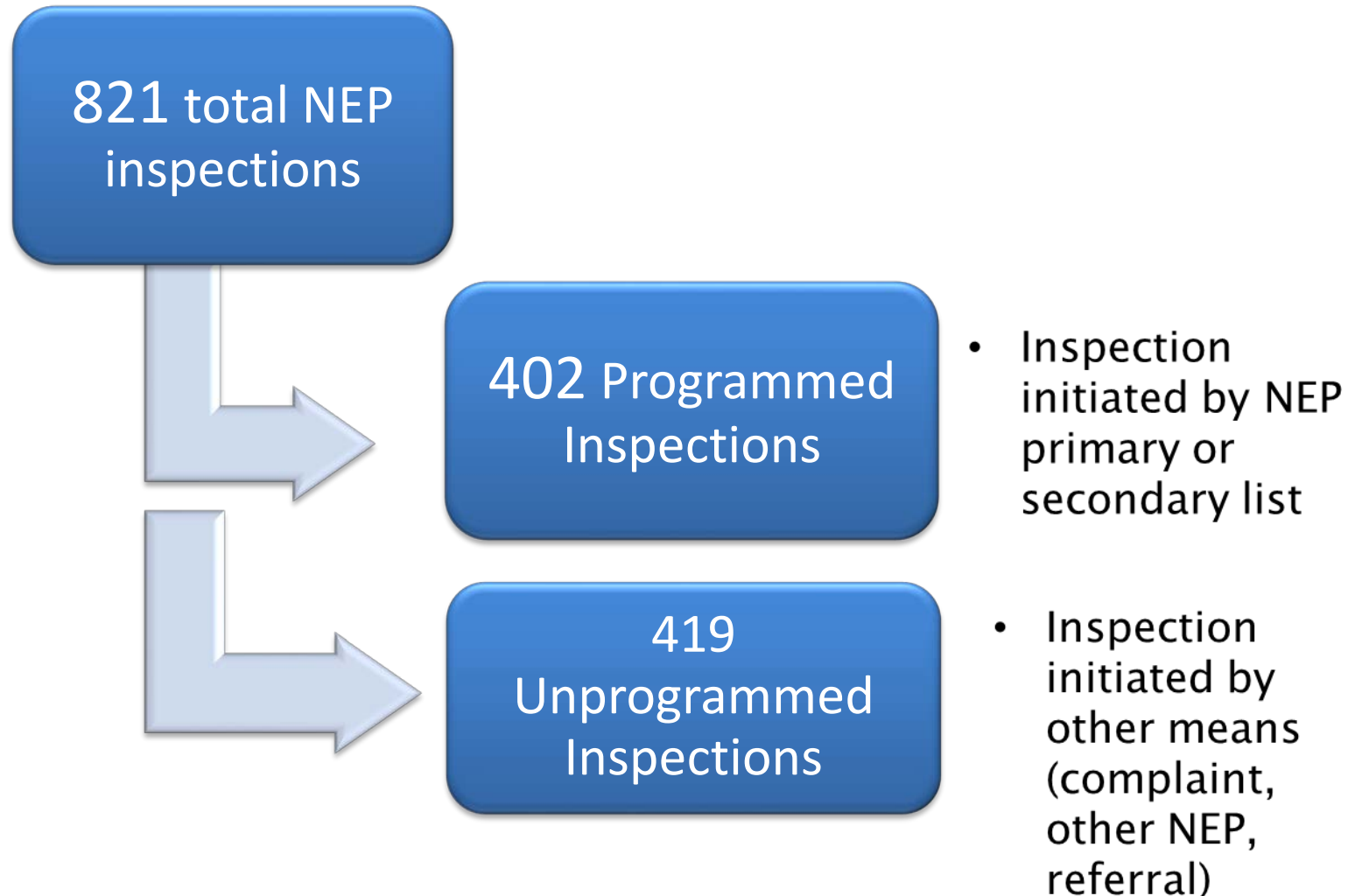
# Isocyanates NEP

## GOAL

To reduce occupational illnesses, injuries, and deaths associated with exposure to isocyanates and to raise employer and employee awareness of adverse health effects.

# NEP Inspections

(federal data only 6/20/13-6/19/16)



# Inspections by Ownership

General Industry - 796

Construction – 25

# ISOCYANATES NEP - Federal Inspection Data

## June 20, 2013 – June 19, 2016

<b>Data Criteria</b>	<b>6/20/13-6/19/14</b>	<b>6/20/14-6/19/15</b>	<b>6/20/15-6/19/16</b>	<b>Total</b>
<b>Inspections Conducted</b>	<b>265</b>	<b>278</b>	<b>278</b>	<b>821</b>
- <b>General Industry/Maritime</b>	<b>258</b>	<b>265</b>	<b>273</b>	<b>796</b>
- <b>Construction</b>	<b>7</b>	<b>13</b>	<b>5</b>	<b>25</b>
<b>% Programmed</b>	<b>47%</b>	<b>50%</b>	<b>50%</b>	<b>49%</b>
<b>% Unprogrammed</b>	<b>53%</b>	<b>50%</b>	<b>50%</b>	<b>51%</b>

# Top 10 Inspected Industries by NAICS

NAICS	Description
811121	Automotive Body, Paint...
326199	All Other Plastics Product Manufacturing
238310	Drywall and Insulation Contractors
326150	Urethane and Other Foam Product (except Polystyrene) Manufacturing
811111	General Automotive Repair
336612	Boat Building
332999	All Other Miscellaneous Fabricated Metal Product Manufacturing
325510	Paint and Coating Manufacturing
238320	Painting and Wall Covering Contractors
336212	Truck Trailer Manufacturing

# Top Standards Cited

**1910.134**  
**Respiratory Protection**

**1910.1200**  
**Hazard Communication**

**1910.107**  
**Flammable &  
Combustible Liquids**

**1910.132**  
**Personal Protective  
Equipment**

**1910.305**  
**Electrical Wiring Methods**

# Top Violations Cited

- Personal protective equipment
  - 1910.132(d)(2)-Workplace hazard assessment
- Respiratory protection
  - 1910.134(c)(1)-Respirator Program
  - 1910.134(f)(2)-Fit-tested before use
  - 1910.134(d)(1)(iii)-Evaluation of Respiratory Hazards
  - 1910.134(f)(1)-Fit-testing pass QLFT or QNFT
  - 1910.134(g)(1)(i)(A)-Facial hair
- Hazard Communication
  - 1910.1200(e)(1)-Hazard Communication Program
  - 1910.1200(h)(1)-Information and Training Program
  - 1910.1200(h)(3)(iv)-Training on SDSs and labels



# NEP Summary

- Raised the awareness for employers and workers to the adverse health effects from exposure to isocyanates.
- Employers need to be aware of other Occupational Exposure Limits (OELs) as some of the isocyanates encountered do not have an OSHA PEL.
- Regions or Area Offices may continue addressing isocyanates through regional or local emphasis programs (REPs/LEPs).

**The Isocyanates NEP was cancelled  
as of October 1, 2016**