

The slide features a white background with abstract blue geometric shapes. On the left, a solid blue triangle points towards the center. On the right, a complex arrangement of overlapping translucent blue triangles and polygons creates a dynamic, layered effect. The main text is centered in the white space.

# Overview

Matthew Kandefer, HSE Manger

Honeywell UOP

# Matthew Kandefer, HSE Manager Background

- ▶ **Honeywell UOP - 2 years**
  - ▶ Compliance Operating System
  - ▶ Electronic management of SDSs
  - ▶ VPP Certification Program
  - ▶ Combustible Dust
- ▶ **Xylem, Inc. - 5 years**
  - ▶ NESHAPs 6X implementation
  - ▶ Stormwater compliance
  - ▶ Machine guarding
  - ▶ PPE and glove projects
- ▶ **URS Corporation - 5 years**
  - ▶ Phase I/II ESAs
  - ▶ PBS auditing
  - ▶ Soil vapor intrusion sampling
  - ▶ Asbestos inspection and monitoring
- ▶ **Tetra Tech EM Inc. - 5 years**
  - ▶ Superfund Response Team
  - ▶ Anthrax
  - ▶ Soil removal
  - ▶ Emergency response

# Honeywell UOP

- ▶ Tonawanda, NY
- ▶ Site Headcount - 60
- ▶ Manufacturing
  - ▶ 3 Shift Operation
  - ▶ 5 x 24 schedule
- ▶ Site produces high flux tubes
- ▶ Hazards include metal dusts, materials movement (cranes), high heat, and ergonomics,

# Honeywell High Flux Tubes



- ▶ Coated tubes designed to enhance heat transfer efficiency.
- ▶ Can be inside diameter or outside diameter coated and finned or fluted for additional heat transfer capacity.
- ▶ Overall heat transfer improvement of 2-4 times that of bare tubes.
- ▶ Allows for reduced exchanger surface area and/or lower utility consumption.
  
- ▶ Primarily used in the oil and gas industry, heavy aromatics separation, natural gas industry, propylene fractionators, and ammonia plant applications.

# Environmental Regulatory Programs

- ▶ NYS Air Registration
- ▶ NESHAPs 6X
- ▶ SPCC plan
- ▶ SPDES permit (Praxair) - Non-contact cooling water
- ▶ Waste water permit (Praxair)
- ▶ Waste management - SQG
- ▶ SARA reporting

# OSHA and Safety Programs

- ▶ Lockout Tagout
- ▶ Confined Space
- ▶ Combustible Dust
- ▶ Emergency Plans
- ▶ Powered Industrial Vehicles
- ▶ Machine Guarding
- ▶ Contractor Safety
- ▶ Ergonomics
- ▶ Fall Protection
- ▶ Heat Stress
- ▶ PPE
- ▶ Hearing Conservation

Questions?

