

IUPUI

Industrial Assessment Center

INDIANA UNIVERSITY-PURDUE UNIVERSITY
INDIANAPOLIS

IAC Assessment Agenda

1. Introduction (IAC team and **Plant Manager/Maintenance Supervisor/Production Supervisor plus plant maintenance personnel**) 8:00AM-8:30AM
 - o History of the IAC program, ITP and Best Practices
 - o Distribute BP tools, case studies, tip sheets
 - o **Plant discusses history, operations, and business decision process**
2. Plant Tour 8:30AM-9:30AM
 - o Conduct in direction of the material flow
 - o **Plant Manager/Maintenance Supervisor/Production Supervisor to conduct tour**
 - o Conceptual tour, no data taken
3. **Description of manufacturing process and operations** 9:30AM-11:00AM
 - o If appropriate: give pressure sensors to plant for modification
 - o Is this a typical day?
 - o **Run through process following material flow**
 - o What plant documents are available? (Onelines, motor lists, spec sheets, etc.)
 - o Present charts and tables of utility bills
 - o Discuss process, ask questions
 - o Develop and plan for the afternoon
 - o Create specific tasks and divide into teams
4. Review notes and brainstorm (Lunch) (**In Private**) 11:00AM-11:30AM
 - o Develop list of potential energy saving opportunities
 - o Ensure that everyone has clarity of process and potential recommendations
5. Refine List of opportunities to be investigated (Lunch) (**In Private**) 11:30AM-12:00PM
 - o Decide what information needs to be gathered, measured, monitored
 - o Assign teams to specific tasks
 - o Make plans to meet at assigned time and place
6. Data Gathering 12:00PM-2:00-2:30PM (**with Plant Maintenance help**)
 - Conduct Measurements, monitoring and diagnostic testing
 - o Motor systems, Delivery and distribution systems
 - o Heat processes
 - o Cooling processes
 - o Water Use and pumps
 - o Building Systems
 - 30 minutes to collect sensors and organize AR's
7. Exit Interview 2:30PM-3:00PM
 - o Discuss findings with management
 - o Preliminary estimate of potential savings
 - o **Prioritize recommendations of analysis**