Off-Line Stunning Improvements

Matt Schultz
Corporate Manager, Animal Handling & Welfare
Hormel Foods Corporation
Off-Line Stunning

Goal was to develop an off-line stunning process that was consistently:

1. Effective
2. Humane
3. Safe
Off-Line Stunning Process

- Utilized for pigs which can not or will not flow through the regular process

- Pigs from lairage are transported to a location where an electric stunner is available

- Utilize portable restrainer (shown at right) to restrain pig for electrical stunning

- Immediately follow electrical stun with captive bolt
  - Supervisor and 2nd captive bolt gun MUST be present
Effective Captive Bolt Stunning

- Strong preventive maintenance
  - Test stands to verify gun performance
  - Preventive maintenance schedule to replace parts before they go bad

- ALWAYS have 2 guns present and prepared when an animal is to be stunned

- Ammunition control and storage
  - Store in waterproof containers
  - Unfired ammunition that touches the floor is discarded

- Management commitment - training & verifying