# Equipment Safety Review Process Guidelines

## Purpose & Scope:

These voluntary guidelines and supporting Equipment Safety Pre-Purchase Checklist, Equipment Safety Pre-Startup Checklist, and Equipment Safety Post-Startup Checklist outline best practices for equipment safety review as identified by the expert members of the Joint Poultry Industry Safety & Health Council. Companies that adopt these guidelines and checklists will achieve employee safety beyond mere compliance and be better prepared for the ever-increasing levels of automation in the poultry industry. Therefore, the Joint Poultry Industry Safety & Health Council encourages all poultry companies to use these guidelines and require their suppliers, equipment manufacturers, facility planners, and engineers to design equipment per these guidelines and supporting checklists.

## Planning:

Potential hazards can be identified and eliminated during the planning and design phase of equipment-related projects. The preferred method of potential hazard abatement shall be through the application of engineering controls, which are proactive measures to avoid potential hazards created with equipment installation. The Safety & Health Department, engineering staff, and vendors should be involved in all equipment-related projects' planning and design phase. Safety and occupational health issues shall be considered, designed, and engineered into all projects. All projects shall be planned and designed per established principles of safety and health, as well as OSHA compliance.

## Pre-Purchase:

Many potential hazards can be abated by incorporating safety specifications for purchased equipment and installation. We recommend adherence to the Equipment Safety Pre-Purchase Checklist when considering equipment purchase. Completion of and adherence to the Pre-Purchase Checklist ensures safety and health considerations have been addressed. It is important to consider all safety features available and offered by vendors related to

equipment considered for purchase.  Considering all available safety features will enhance operational safeguards.

**Pre-Start Up:**
Integrating safety specifications after equipment installation and prior to equipment start-up can avoid potential hazards and injuries. We recommend adhering to the Equipment Safety Pre-Start Up Checklist before starting installed equipment. Completing and adhering to the Checklist ensures safety and health considerations have been addressed prior to equipment operation and employee exposure.

**Post-Start Up:**
Often, equipment adjustments are required after start-up, which may create unforeseen hazards, or the operation of equipment may potentially reveal needed improvements in training. We recommend completing the Equipment Safety Post-Start-Up Checklist within 30 days of operating newly installed equipment.  Completing and adhering to the Post-Start-Up Checklist ensures safety and health considerations have been adequately evaluated and addressed to reduce employee exposure.