SHELL EGG SERVICE CHECKPOINTS

WHAT CONDITIONS CAN LEAD TO DIRTY EGGS?

- Eggs with hardened soils, such as “off-line” eggs.
- Washer not maintained in good condition.
- Spray nozzles that are not maintained.
- What are the % dirts?
- High foam levels in the washer from egg contents.
- High level of egg breakage on screens and in the washer.
- Poor quality eggs - a significant amount of leakers, eggs with manure, blood.

CLEANING FACTORS: ARE THEY SUFFICIENT? (Time, Temperature, Physical Action, Concentration)

- Time  Actual wash time (at operating washer speed).
- Temperature  Meet regulations, proper cleaning efficacy, for defoamer to work (~105°F-115°F).
- Action  Eggs getting good mechanical brush action (at proper height and condition).
- Action  Enough wash water flowing over brushes.
- Action  Spray nozzles providing good coverage.
- Action  Catch pan of spool bar rollers flooded.
- Concentration  Wash water at 11.0 ± 0.25 pH (10.5 min).
- Concentration  Silicone antifoam is only required at low levels.
- Concentration  Also check sanitizer concentration.