



Hydro-Thermal Starch Cooking System Audit

Audited By:	Rev.
Audit Site / ATT#:	Date:

TAG# COMPONENT

- 1 STEAM STRAINER
- 2 STEAM PRESSURE GAUGE
- 3 DRIP LEG / STEAM TRAP ASSY
- 4 AUTO STEAM ISOLATION VALVE - JETCOOKER (STARCH)
- 5 STEAM CHECK VALVE - JETCOOKER (STARCH)
- 6 AUTO STEAM ISOLATION VALVE - JETCOOKER (PD)
- 7 STEAM CHECK VALVE - JETCOOKER (PD)
- 8 TEMPERATURE ELEMENT - POST DIL. JETCOOKER
- 9 MAG FLOW METER - POST-DIL.
- 10 CONTROL VALVE - POST DIL.
- 11 PROCESS CHECK VALVE - POST DIL.
- 12 TEMPERATURE ELEMENT - STARCH JETCOOKER
- 13 DRY STARCH HOPPER / SCREW CONVEYR ASSY
- 14 STARCH SLURRY MAKE DOWN / RUN TANK
- 15 AUTO ISOLATION VALVE - SLURRY MAKE DOWN TANK DISCH.
- 16 STARCH SLURRY MAKE DOWN SYSTEM CONTROLS / J-BOX
- 17 CONTROL VALVE - SLURRY DIL. WATER SUPPLY
- 18 PROGRESSIVE CAVITY PUMP - PRIMARY
- 19 PROGRESSIVE CAVITY PUMP - SECONDARY
- 20 PRESSURE RELIEF VALVE - PRIMARY
- 21 PRESSURE RELIEF VALVE - SECONDARY
- 22 DULEX BASKET STRAINER
- 23 DENSITY FLOW METER
- 24 MAG FLOW METER - PRE-DIL.
- 25 CONTROL VALVE - PRE-DIL.
- 26 PROCESS CHECK VALVE - PRE-DIL.
- 27 PRESSURE GAUGE (SEALED)
- 28 PROCESS CHECK VALVE - STARCH SLURRY
- 29 PRESSURE GAUGE (SEALED) - JETCOOKER DISCHARGE
- 30 HOLD TUBE SECTION
- 31 PRESSURE GAUGE (SEALED) - HOLD TUBE DISCHARGE
- 32 BACK PRESSURE REGULATING VALVE
- 33 FLASH TANK
- 34 3-WAY DIVERT VALVE
- 35 COOKED STARCH STORAGE TANK
- 36 AUTO ISOLATION VALVE - STORAGE TANK DISCHARGE
- 37 AUTO ISOLATION VALVE - FLUSH WATER SUPPLY 2
- 38 PROGRESSIVE CAVITY PUMP - COOKED STARCH SUPPLY
- 39 MAG FLOW METER - COOKED STARCH SUPPLY PUMP
- 40 AUTO ISOLATION VALVE - FLUSH WATER SUPPLY
- 41 CONTROL PANEL

STEAM LINE

PRESSURE:

LINE SIZE:

WATER SUPPLY

PRESSURE:

TEMPERATURE:

MAKE DOWN SYSTEM

BATCH / CONTINUOUS:

RUN TANK VOLUME:

%D.S:

HOLD TUBE SECTION

DIA. X LENGTH:

HOLD TIME:

FOOTPRINT:

PUMPS (SLURRY) - TYPE:

FOOTPRINT:

VFD:

LOCATION:

REDUNDANCY:

APPLICATION:

STARCH TYPE:

SUPERSACK UNLOADING

FORK LIFT

ELECTRIC HOIST

JETCOOKER S/N OR MODEL:

STARCH COOKING

POST-DILUTION

PUMPS (COOKED STARCH) TYPE

FOOTPRINT:

VFD:

LOCATION:

REDUNDANCY:

STORAGE TANK

FLASH TANK:

STORAGE TANK VOLUME:

STEAM JACKET / INSULATION:

AGITATION: