

CAP REQUIRED

Checking Caps

Camera

Bunker

Vibrator

Spinner position
and Cap colour

Check
Available Caps

V

WRONG CAP
ORIENTATION

CAP NOT
REACHABLE

CAP COLOR
NOT AVAILABLE

Produce Caps

Vibrate machine

CAP REACHABLE

Cap position

MORE CAPS
AVAILABLE

CAPS FLIPPED

Place Cap

Axis

Vacuum Gripper

Place Gripper in
Pickup Position

REACHED
PICKUP POSITION

Place Gripper
in Drop Position

REACHED DROP
POSITION

Check Spinner

Pickup Cap

CAP IS
PICKED

Drop Cap

CAP IS
RELEASED

V

SPINNER CAPPED

FLIP REQUIRED

Next Station

Flip Spinner

Lifter

Gripper

Place in
Gripper Position

REACHED GRIPPER
POSITION 1

Place in
Home Position

REACHED HOME
POSITION

Place in
Gripper Position

REACHED GRIPPER
POSITION 2

Place in Home
Position

Hold Spinner

SPINNER IN HOLD
OF GRIPPER

Flip Spinner

SPINNER
FLIPPED

Release
Spinner

SPINNER
RELEASED

LEGEND

Event

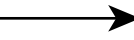
Process Path

Function

Information

V

Logic Connector



Control Flow