

Clear Malt Base Process

Section 2 ISEP Process

3.4.1. Process Parameters Screens

Each carousel has a dedicated Process Parameters screen (see Table 2.15).

Table 2.15 Process Parameters Screens

Carousel	Control Screen
Anion	ISEP Anion Process Parameters (see Figure 2-77)
Cation	ISEP Cation Process Parameters (see Figure 2-78)
Decolorizer	ISEP Decolorization Process Parameters (see Figure 2-79)

Within each Process Parameters screen, three parameters pertain to the Beer Off circuit (see Table 2.16).

Table 2.16 Beer Off Circuit Process Parameters

Parameter	Function	Explanation
Adsorption Wash BV	User input	Controls the RO water flow-control valve for the circuit
Adsorption Wash Flow (GPM)	Calculated output	Converts flow rate in bed volumes into gallons per minute
Divert Step Time Percent	User input	Controls the point in an index cycle at which the three-way divert valve actuates

ISEP CATION PROCESS PARAMETERS

MAIN MENU
ANION SETPOINTS

USER INPUT

CATION UNIT TREATMENT RATIO (CTR):	39.00
CATION ADSORPTION WASH BV:	3.25
CATION SWEETEN-ON BV:	0.01
CATION RINSE BV:	4.50
CATION (7% HCL) REGENERANT BV:	2.00

DECOLORIZER SETPOINTS
RO WATER TEMP SETPTS

CALCULATED OUTPUTS

FEED FLOW RATE TO CATION SETPOINT:	9.25 GPM
CATION ADSORPTION WASH FLOW:	0.77 GPM
CATION SWEETEN-ON FLOW:	0.00 GPM
CATION REGENERATION RINSE FLOW:	1.07 GPM
CATION (7% HCL) REGENERANT FLOW:	0.47 GPM

DIVERT STEP TIME PERCENT: 50
FCV200 AUTO/MAN SP: 100
BEER-ON P200 PUMP SPEED: 35%
HCL PUMP P700 SPEED: 41%

RETURN

Figure 2-77 ISEP Anion Process Parameters Screen