BUSS LOOP HYDROGENATION

DETAILS OF PRIMARY AND SECONDARY LOOPS

PRIMARY LOOP

VENT
10 9 92

COOLING WATER

W 87

HYDROGEN

DIPA & TOLUENE FROM STORAGE

CATALYST, WATER & SODIUM CARBONATE

C 05

W 0B

P 07

SECONDARY LOOP

COOLING WATER

W 64

W 67

CONDENSATE

STEAM

DCA, TOLUENE, WATER
SODIUM CARBONATE & CATALYST TO FILTRATION SECTION

A 0J - CATALYST VESSELS
C 0J - AUToclave
P 0J - PRODUCT CIRCULATING PUMP
W 0J - MAIN LOOP HEAT EXCHANGER
W 07 - STEEL CLAD VENT COOLER
P 08 - SECONDARY LOOP CIRCULATING PUMP
W 01 - SECONDARY LOOP COOLER
M 07 - SECONDARY LOOP HEATER