

## Hall B Tagger Magnet

## Power Supply Control

Turn OFF

Turn ON

RESET

Status

Wait 0 sec

PS OFF

Action:

CONFIRM

CANCEL

Limit current changes to once every 10 seconds

Current Setpoint 0.0 Amps



Current Readback 0.0 Amps

Auxilliary Readback 0.0 Amps

Setpoint Readback 0.0 Amps

Voltage Readback 0.0 V

Set Neg. Polarity Set NEG

Polarity Readback Negative

Force Hysteresis Force Hyst

Degauss Magnet 0 Off Degauss

Degauss Setting 1000.0 Amps

Do not leave tagger ON at zero output

Turn supply OFF after degaussing

Test Mode Off Test

## Beam Mode / Procedures

Beam Type PHOTON

Masking is INHIBITED

Masking Control U M

Beam Energy 6423 MeV/c

Beam Destination Dipole Yoke

Suggested Setpoint 279.3 Amps

If beam energy is above 6.12 GeV, the suggested setpoint will direct beam to the dipole yoke dump. For lower beam energy, beam is directed to the tagger dump.

For high energy:  $I(A) = 43.491 \times E(\text{GeV}) - 0.076$ 

For low energy:

Moller Setup

Operation &amp; Degaussing Procedure

User Guide

## Interlocks / Alarms

- ZFCT Fault
- Firing Circuit Fault
- SCR OverTemp
- Trans. OverTemp (Delta)
- Trans. OverTemp (WYE)
- Auto Trans. OverTemp
- Choke OverTemp
- Emergency Stop Button
- DC Over Current
- Over Voltage
- Reverser OverTemp
- Coolant Leak
- Door Open Fault
- AC Current Inbalance
- Phase Sequence Fault
- Serial Communication Status
- ON M1 Aux
- Remote Mode
- OFF Ground Fault Switch Status