

4.1.e Electrical Safety Training Requirements or Ring Entry

RING CONDITIONS	TRAINING REQUIREMENT	ENTRANT'S REQUIREMENT
<ul style="list-style-type: none"> • EVERY item on C-A LOTO list is LOTO. • Entrants will only observe or advise. • Entrants will not work on apparatus physically attached to the accelerator, or connected to the vacuum chamber (except for the Rf Power Amplifier system). 	<ul style="list-style-type: none"> • Valid C-A Access Training on BTMS Listing. 	<ul style="list-style-type: none"> • AA256A key + ID/RW1 card. • NO LOTO lock required.
<ul style="list-style-type: none"> • EVERY item on C-A LOTO list is LOTO. • Entrants will work on apparatus physically attached to the accelerator. 	<ul style="list-style-type: none"> • Valid Lockout/Tagout training on BTMS Listing • Valid Electrical Safety training on BTMS Listing • Valid C-A Access on BTMS Listing 	<ul style="list-style-type: none"> • LOTO lock on Token Box. • AA256A key +ID/RW1 card.
<ul style="list-style-type: none"> • Some apparatus from the AGS OPM C-A LOTO checklist remains energized. 	<ul style="list-style-type: none"> • Valid Lockout/Tagout training on BTMS Listing • Valid Electrical Safety training on BTMS Listing • Valid C-A Access training on BTMS Listing 	<ul style="list-style-type: none"> • LOTO lock on Token Box. • Energized Circuit Work Permit (OPM Att. 2.6.2.a) issued by OC. • AA256A key + ID/RW1 card.
<ul style="list-style-type: none"> • Only the Main Magnet Power Supply is LOTO. 	<ul style="list-style-type: none"> • Valid Lockout/Tagout training on BTMS Listing • Valid Electrical Safety training on BTMS Listing • Valid Working Hot training* on BTMS Listing • Valid C-A Access training on BTMS Listing 	<ul style="list-style-type: none"> • LOTO lock on Token Box. • Energized Circuit Work Permit (OPM Att. 2.6.2.a) issued by OC. • AA256A key + ID/RW1 card.
<ul style="list-style-type: none"> • The ring main magnets are energized. 	<ul style="list-style-type: none"> • Valid Lockout/Tagout training on BTMS Listing • Valid Electrical Safety training on BTMS Listing • Valid Working Hot training* on BTMS Listing • Valid C-A Access training on BTMS Listing • Tasks specified on Range D Working Hot Permit. 	<ul style="list-style-type: none"> • LOTO lock on Token Box. • Energized Circuit Work Permit (OPM Att. 2.6.2.a) issued by OC. • Task specific Range D Working Hot Permit. • AA256A key + ID/RW1 card.

*Working Hot Training is entitled Electrical Safe Work Practices on BTMS.