

*If you are using a printed copy of this procedure, and not the on-screen version, then you **MUST** make sure the dates at the bottom of the printed copy and the on-screen version match. The on-screen version of the Collider-Accelerator Department Procedure is the Official Version. Hard copies of all signed, official, C-A Operating Procedures are kept on file in the C-A ESHQ Training Office, Bldg. 911A.*

C-A OPERATIONS PROCEDURES MANUAL

ATTACHMENT

8.7.2.a Range D Working Hot Permit to Measure the Magnet Temperatures in the AGS Ring

Text pages 2

C-A OPM Procedures in which this Attachment is used.		
8.7.2		

Hand Processed Changes

<u>HPC No.</u>	<u>Date</u>	<u>Page Nos.</u>	<u>Initials</u>
_____	_____	_____	_____
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Approved: _____ *Signature on File* _____
 Collider-Accelerator Department Chairman Date

J. Sandberg

BROOKHAVEN NATIONAL LABORATORY
COLLIDER-ACCELERATOR DEPARTMENT
AGS RING MAGNET HEAT RUN

RANGE D WORKING HOT PERMIT TO MEASURE THE MAGNET TEMPERATURES IN THE
AGS RING

PERMIT NO. _____

This permit is required for C-A personnel who enter the AGS tunnel for the purpose of measuring the ring magnet, bus, and cable temperatures with an infrared non-contact temperature meter (ITM) while the magnets are in an energized state.

LOCATION: The AGS tunnel in Building 913.

DESCRIPTION OF TASK: To enter and go around the AGS ring tunnel to locate magnet or bus temperature "hot spots" using an ITM. The magnets are energized and tunnel access is "controlled". The maximum voltage to ground is ± 3.0 kV dc. The maximum current is 6 kA pulsed dc.

JUSTIFICATION: Work must be done while the magnets are energized, to determine adverse temperature conditions and under operating conditions.

PERIOD: From _____ TO _____

ISSUED TO: See attached list.

Name	Life #

WORK PERFORMED ON: _____

SAFETY WATCH: _____

HAZARDS: High currents, live terminals, auxiliary circuits, energized, electric shock, sparks, arcs, melting, fire burns.

PROCEDURE OF TASK: AGS-OPM 8.7.2.

PREREQUISITES: Persons performing the tasks have been trained in C-A Access, electrical safety, lockout/tagout, site specific OJT and radiation work, Procedure 8.7.2. Film badge and dosimeter required.

SUPERVISOR: _____

APPROVED BY: _____ **DATE:** _____

Copy of approved form to be sent to the Department ESH Coordinator and Facility Support (FS) Representative.

Copy of executed permit to be posted by the entrance of the AGS tunnel.