

*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

9.1.11.b Types of Access-Control Systems and their Characteristics

C-A-OPM Procedures in which this Attachment is used.		
9.1.11		

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.W. Glenn

9.1.11.b TYPES OF ACCESS-CONTROL SYSTEMS AND THEIR CHARACTERISTICS

TYPE (<i>a</i>)	HARDWIRE AND / OR MECHANICAL SYSTEM	ACTIVE DEVICE OR ADMINISTRATIVE SYSTEM	FAIL-SAFE	DUAL
HFD	X		X	X
HF	X		X	
AFD		X	X	X
HD	X			X
AF		X	X	
H	X			
AD		X		X
A		X		

(*a*): Level of security system is arranged from highest to lowest.

Key: HFD Hardwire, Failsafe, Dual
 HF Hardwire, Failsafe
 AFD Active, Failsafe, Dual
 HD Hardwire, Dual
 AF Active, Failsafe
 H Hardwire (or approved hardware such as a lock)
 AD Active, Dual
 A Active