Test Author: Adam Martinez

	Test Case Name:	RFID User Authentication	Test ID #:	001
	Description:	*This will test the functionality to disarm the system with an authorized fob to reject an attempt by an unauthorized fob*	**Type:**	□ white box □ black box □ _____

Tester Information

	Name of Tester:		Date:	
	HW/SW Version:		**Time:**	
	Setup:	*System is powered and in the disarmed state, ensure that one fob is authorized and one is not*		

STEP	Action	Expected Result	PASS	FAIL	N/A	Comments
1	Press 'Arm' button	System will enter armed state and confirm on LCD				
2	Pass unauthorized fob near reader	LCD will state the user is unauthorized, system will remain armed				
3	Pass authorized fob near reader	LCD will state that user is authorized, system will enter disarmed state				
4						
5						
6						
7						
8						
9						
	Overall test result:					

Test Author: Adam Martinez							
	Test Case Name:	Security Response			**Test ID #:**		002
	Description:	*This will test the system's response when in the armed state*			**Type:**		□ white box □ black box □ _____
Tester Information							
	Name of Tester:				**Date:**		
	HW/SW Version:				**Time:**		
	Setup:	*System is powered and in the disarmed state*					
S T E P	**Action**	**Expected Result**	**P A S S**	**F A I L**	**N / A**	**Comments**	
1	Press 'Arm' button	System will enter armed state and confirm on LCD					
2	Use hand or object to break photoresistor beam	Shield will release					
3							
4							
5							
6							
7							
8							
9							
	Overall test result:						

	Test Author: Adam Martinez								
	Test Case Name:	Arm - Trigger - Reset Stress Test					**Test ID #:**	003	
	Description:	*This test will consist of arming the system, triggering the security response, resetting the system, and repeating this 10x to ensure that it doesn't get stuck.*					**Type:**	□ white box □ black box □ _____	

Tester Information

	Name of Tester:						**Date:**		
	HW/SW Version:						**Time:**		
	Setup:	*System is powered and in the disarmed state*							

S T E P	Action	Expected Result	P A S S	F A I L	N / A	Comments
1	Press 'Arm' button	System will enter armed state and confirm on LCD				
2	Use hand or object to break photoresistor beam	Shield will release				
3	Reset Shield					
4	Repeat x10	System should not lock and retain functionality for each				
5						
6						
7						
8						
9						
	Overall test result:					