



DELAWARE STATE FIRE MARSHAL
FIRE ALARM SYSTEM
CERTIFICATE OF INSPECTION



[X] Annual Certificate of Inspection [] Non-Annual WITH a MAJOR deficiency

[] Property/Address Changed

PROTECTED PROPERTY

Name: DSU Learning Commons / ECHS Owner/Contact: Khalid Zerrad
Address/City: 1570 N Dupont Hwy City: Dover State: DE Phone Number: 302-857-7085
Zip: 19901

PROPERTY OWNER

Owner: Delaware State University Address:

FIRE ALARM SIGNALING SYSTEM COMPANY INFORMATION

Company Name: Anaconda Protective Concepts, inc. FAL #: 0252
Technician's Name: R.Scott Shepherd Date: 8-25-17

FIRE ALARM SIGNALING SYSTEM MONITORING

Is this system monitored off-site? [X] Yes [] No
If yes, provide name, location and phone # of monitoring station: Advantech 1-800-932-3822 Acc#8950508
pw commons

SYSTEM INFORMATION

System ID Number: Bldg System Panel Location: Lobby Closet
System Type: [X] Central Station Monitored [] Remote Station Monitored
[] Proprietary [] Local Alarm Only [] Dialer

PANEL MANUFACTURER: Simplex MODEL NUMBER: 4100es

MAJOR DEFICIENCIES IDENTIFIED DURING INSPECTION

NONE [X] CHECKED BELOW []

- [] 7601 - System Out-of-Service / Impaired [] 7605 - More than 10% of Initiating Devices Failed
[] 7602 - Unprotected Residential Corridors [] 7606 - More than 10% of Sounding Devices Failed
[] 7603 - FACP in ALARM / TROUBLE [] 7607 - Other (Make Comment)
[] 7604 - System Monitoring Out-of-Service

MINOR DEFICIENCIES IDENTIFIED DURING INSPECTION

NONE [X] CHECKED BELOW []

- [] 7620 [] 7624 [] 7628 [] 7632 [] 7636
[] 7621 [] 7625 [] 7629 [] 7633 [] 7637
[] 7622 [] 7626 [] 7630 [] 7634 [] 7638
[] 7623 [] 7627 [] 7631 [] 7635 [] 7639

COMMENTS/DEFICIENCY DESCRIPTION

FOR INTERNAL USE ONLY:

Data Entry Date: Date Received By T.S. Manager: FM Assigned: Date FM Assigned: Date Inspected:

[] NO MAJOR DEFICIENCIES FOUND [] MAJOR DEFICIENCIES FOUND: [] MAJOR DEFICIENCIES VERIFIED:
DATE NOV ISSUED: COMPLIANCE DATE: 1ST EXTENSION DATE: 2ND EXTENSION & APPROVAL DATE:
DATE OF COMPLIANCE: DATE FORWARDED TO T.S. MANAGER: DATE FORWARDED TO OPERATIONS: BY



DELAWARE STATE FIRE MARSHAL
FIRE ALARM SYSTEM
CERTIFICATE OF INSPECTION



MINOR DEFICIENCIES IDENTIFIED DURING INSPECTION:

- | | | | | | |
|-------------|---|---|-------------|---|---|
| <u>7620</u> | - | Battery / Secondary Power out-of-service | <u>7630</u> | - | Tamper Switch not Connected to FASS |
| <u>7621</u> | - | A Battery out-of-date / Corroded | <u>7631</u> | - | Manual Pull Station Obstructed |
| <u>7622</u> | - | Smoke / Heat / Flame Detector Damaged | <u>7632</u> | - | Manual Pull Station Damaged |
| <u>7623</u> | - | Smoke Detector too Close to Diffuser / Vent | <u>7633</u> | - | Bell, Horn / Strobes Damaged |
| <u>7624</u> | - | Smoke Detector / Heat Detector not connected to FAP | <u>7634</u> | - | Bell, Horn / Strobes Lacking Audibility |
| <u>7625</u> | - | Smoke Detector not A/C Powered with Battery Back-Up (Residential) | <u>7635</u> | - | Bell, Horn / Strobes Damaged / Missing |
| <u>7626</u> | - | Inadequate Detector Coverage | <u>7636</u> | - | Device Identification Lacking |
| <u>7627</u> | - | Duct Detector Inoperative | <u>7637</u> | - | Circuit Breaker to FACP no Lockout |
| <u>7628</u> | - | Duct Detector Lacking System Shut-Down | <u>7638</u> | - | Supervisory Function Deficiency |
| <u>7629</u> | - | Flow / Pressure Switch not Connected to FASS | <u>7639</u> | - | Other |



Fire Alarm System Certificate of Inspection

210 Executive Dr. Suite 6
Newark, DE 19702

Contract Number: JB35020
Date of Inspection: 8-25-17

Protected Property				Inspection Company			
Name:	DSU Learning Commons / ECHS			Name:	Anaconda Protective Concepts, inc.		
Address:	1570N Dupont Hwy			Address:	210 Executive Drive Suite 6		
City:	Dover			City:	Newark		
State:	DE	Zip:	19901	State:	DE	Zip:	19702
Contact:	Khalid Zerrad			Contact:	Service Department		
Phone:				Phone:	302.834.1125		

System Owner

Name:	Delaware State University		
Address:			
City:			
State:		Zip:	

Fire Alarm Signaling System Company's Certification

Company Name:	Anaconda Protective Concepts, inc.	License Number:	0252
<i>The licensed fire protection provider certifies that the features of the system, as indicated herein, were tested, inspected, and/or maintained in accordance with the adopted NFPA standards and local codes.</i>			
Technician Name:	R.Scott Shepherd	Title:	Inspection Tech

Type of Fire Alarm System

System ID:	Bldg System		
<input type="checkbox"/> Local	<input type="checkbox"/> Auxiliary	<input type="checkbox"/> Remote Station	<input type="checkbox"/> Proprietary
<input type="checkbox"/> Emergency Voice	<input type="checkbox"/> Detection	<input checked="" type="checkbox"/> Central Station	<input type="checkbox"/> Household

Fire Alarm Signaling System Monitoring

Is this system monitored off-site? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
If yes, make and model of DACT installed:
If yes, provide name, location, and phone number of monitoring company:

Power Supply System

Primary:	Dedicated? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	Locked Out? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
Secondary:	Battery Amp Hour Rating: 12v 50A	Tested OK? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
	Engine Driven Generator Rating:	Tested OK? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
	Fueled by:	Storage Capacity:
Generator Tests completed by:	<input type="checkbox"/> Licensed Company <input type="checkbox"/> Owner <input type="checkbox"/> Other (specify)	

Fire Alarm Signaling System Deficiencies

Any deficiencies from DSFPR and/or adopted NFPA standards: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Please refer to comments page)

Alarm Initiating Devices

Device	Total	Tested	Deficiencies	Remarks
Manual Pull Stations	34	34	0	
Heat Detectors	3	3	0	
Smoke Detectors	239	239	1	See Notes
Duct Detectors	13	13		
Water Flow Devices	9	9	0	
Other				

Alarm Indicating Devices

Device	Total	Tested	Deficiencies	Remarks
Bells				
Horn/strobes	56	56	0	See Notes
Chimes				
Speakers	12	12	0	
Remote Annunciators	3	3	0	
Visual Signals	90	90	0	
Other				

Supervisory Initiating Devices

Device	Total	Tested	Deficiencies	Remarks
Sprinkler Control Valve	15	15	0	
Pressure Switches				
Building/Water Temp.				
Water Supply Level				
Fire Pump	1	1	0	
Other				

Control Unit

Manufacturer	Simplex	Model #	4100es	System ID	Bldg System
Type	<input type="checkbox"/> Hardwired <input type="checkbox"/> Multiplex <input checked="" type="checkbox"/> Addressable <input type="checkbox"/> Other (Specify)				
Device	Total	Tested	Deficiencies	Remarks	
Lamps & LEDs	ALL	ALL	0		
Fuses	ALL	ALL	0		
Trouble Signals	ALL	ALL	0		
Zone Disable	ALL	ALL	0		
Supervisory Signals	ALL	ALL	0		
Ground Fault	ALL	0	0		
Transmit Off Premises	3	3	0		
Other					
Are all devices uniquely identified where applicable? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No					



**Fire Alarm System
Certificate of Inspection**

210 Executive Dr. Suite 6
Newark, DE 19702

INSPECTION DEFICIENCY AND COMMENTS

System ID: Bldg System		Location: Lobby Closet	
Name:	DSU Learning Commons / ECHS		
Address:	1570 N Dupont Hwy		
City:	Dover	State: DE	Zip: 19901
Phone:	(302)-535-3809	Date: 8-25-17	
Explanatory Information			
System:	<input checked="" type="checkbox"/> Fire Alarm <input type="checkbox"/> Sprinkler <input type="checkbox"/> Other (Specify)		
Notes:	C = Comment D = Deficiency		
1.	<input type="checkbox"/> C <input type="checkbox"/> D		
2.	<input checked="" type="checkbox"/> C <input type="checkbox"/> D	2 12v 50 A Batteries in FACP Dated 2014 tested 100% 2 12v 50 A batts in Sub-Panel tested 100% Dated 2014 1 12v 7 amp in Dialer dated 2016 tested 100%	
3.	<input type="checkbox"/> C <input type="checkbox"/> D		
4.	<input type="checkbox"/> C <input type="checkbox"/> D		
5.	<input type="checkbox"/> C <input type="checkbox"/> D		
6.	<input type="checkbox"/> C <input type="checkbox"/> D		
7.	<input type="checkbox"/> C <input type="checkbox"/> D		
8.	<input type="checkbox"/> C <input type="checkbox"/> D		
9.	<input type="checkbox"/> C <input type="checkbox"/> D		
10.	<input checked="" type="checkbox"/> C <input type="checkbox"/> D	See instructions inside panel for Quickest way to test Sounders	

R.Scott Shepherd

Service Representative

Customer Acknowledgment