

Report Issue Number: 1  
 Report Issued Date: 01/06/2021  
 Project Number: P127182  
 Project Name: DigiPlex - DHAS-C (OSL21)  
 Unit Name: Support Area AHU (360.001)

### Project Information

Project Number:	P127182	Project Name:	DigiPlex - DHAS-C (OSL21)
Client Reference:	OSL21		

### Site Information

Site Name:	DigiPlex - DHAS-C (OSL21)		
Address:	Holtskogen 31		
Town/City:	Tomter	Postcode:	1825
Contact Name:	Geir Vistung	Contact Number:	+47 901 20 403

### Equipment Information

Unit Name:	Support Area AHU (360.001)		
Unit Serial Number:	651987.0020	Unit Model:	CAIRplus 128
Unit Airstreams:	Supply/Extract	Unit Installation:	Internal Unit (Internal Environment)
Unit Handling:	Left		

### Controller Information

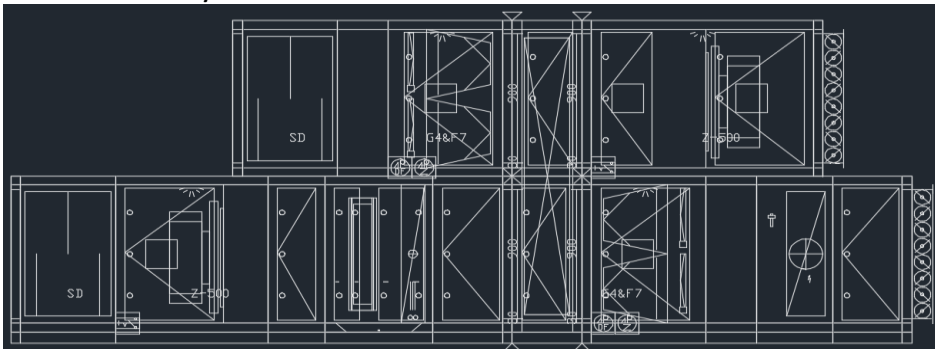
Controller Type:	ISYteq 6030	Software Version:	v2.1.8.0
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### Test Meters

Meter Name	Meter used for	Meter Serial Number	Meter Calibration Number	Meter Calibration Date	Meter Calibration Expiry Date
Testo	Voltage, Current	49301104	7294-20	26/08/2020	26/08/2021

### 3. Overall Unit

Circle and number any areas:



Service Side

Type (Damage, Seal or Corrosion)	Number	Comments

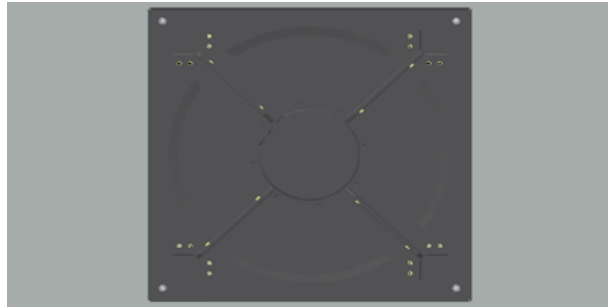
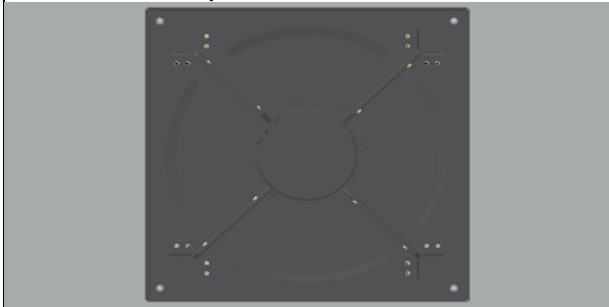
Alarm, Event & Maintenance Logs checked and OK? Yes / No

Notes:

Report Issue Number: 1  
 Report Issued Date: 01/06/2021  
 Project Number: P127182  
 Project Name: DigiPlex - DHAS-C (OSL21)  
 Unit Name: Support Area AHU (360.001)

#### 4. Fans

Circle and number any areas:



Supply (Air Off Side)

Exhaust (Air Off Side)

Type (Debris, Damage or Corrosion)	Number	Comments

All fans checked and free from noise or vibration?

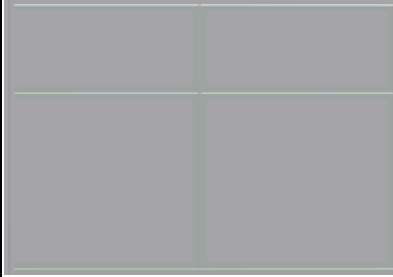
Yes / No

Notes:

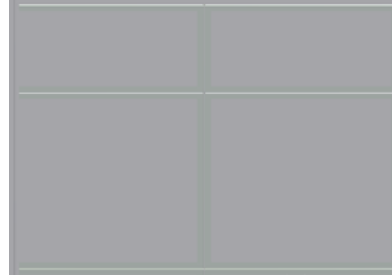
Report Issue Number: 1  
 Report Issued Date: 01/06/2021  
 Project Number: P127182  
 Project Name: DigiPlex - DHAS-C (OSL21)  
 Unit Name: Support Area AHU (360.001)

## 5. Filters

Circle and number any areas:



Fresh Air (Air On Side)



Return Air (Air On Side)

Type (Debris, Damage or Corrosion)	Number	Comments

Airstream	Actual Value (Pa)	Airflow (m3/h)	Fan Level (%)	Filter Dirty Limit
Fresh Air Pre Filter (G4)	80 Pa	7745 m3/h	78.4 %	150 Pa
Fresh Air Main Filter (F7)	70 Pa			200 Pa
Return Air Pre Filter (G4)	70 Pa	8770 m3/h	69.1 %	150 Pa
Return Air Main Filter (F7)	50 Pa			200 Pa

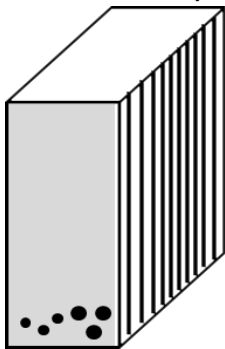
Fresh Air Filters Replaced? Yes / No

Return Air Filters Replaced? Yes / No

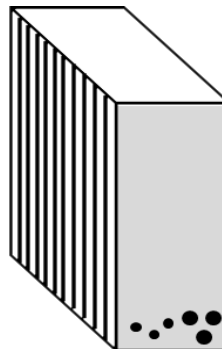
Notes:

## 6. Exchangers (Coils)

Circle and number any areas:



DX Coil (Air On Side)



DX Coil (Air Off Side)

Type (Debris, Damage or Corrosion)	Number	Comments

Checked for and free from any signs of obvious visual leaks? Yes / No

Notes:

Report Issue Number: 1  
 Report Issued Date: 01/06/2021  
 Project Number: P127182  
 Project Name: DigiPlex - DHAS-C (OSL21)  
 Unit Name: Support Area AHU (360.001)

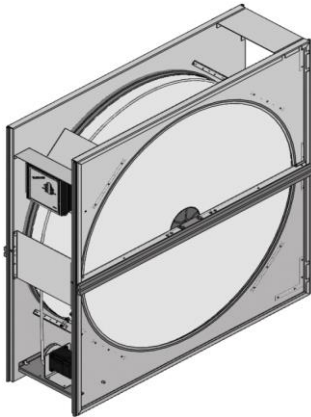
## 7. Dampers

Fresh Air Damper driven end to end and physically witnessed? Yes / No  
 Exhaust Air Damper driven end to end and physically witnessed? Yes / No

Notes:

## 8. Thermal Recovery Wheel

Circle and number any areas:



Type (Damage, Seal or Corrosion)	Number	Comments

Thermal Wheel rotates freely without rubbing? Yes / No  
 Thermal Wheel Belt in good condition? Yes / No  
 Thermal Wheel Seals in good condition? Yes / No

Notes:

## 9. Controls & Control Panel

Overload settings checked and OK? Yes / No

### Voltage Readings (Calibrated Readings)

L1 -> N:	241	L2 -> N:	242	L3 -> N:	242
L1 -> L2:	421	L1 -> L3:	422	L2 -> L3:	421

### Current Readings (Calibrated Readings)

#### SUPPLY FAN

Fan Level:	50 %	
Fan Current:	L1: 1.10 A	L2: 1.10 A L3: 1.10 A

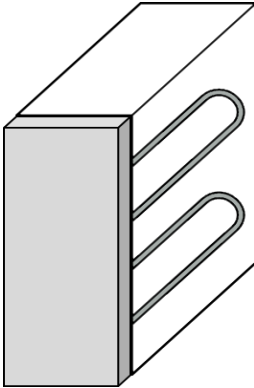
#### EXHAUST FAN

Report Issue Number: 1  
 Report Issued Date: 01/06/2021  
 Project Number: P127182  
 Project Name: DigiPlex - DHAS-C (OSL21)  
 Unit Name: Support Area AHU (360.001)

Fan Level:	50 %					
Fan Current:	L1:	1.10 A	L2:	1.10 A	L3:	1.10 A
Notes:						

## 10. Electric Heating Coils

Circle and number any areas:



Frost Coil

Type (Debris, Damage or Corrosion)	Number	Comments

Notes:

## General

I confirm I have maintained the unit as per the maintenance task list:

Name:	Lasse Bye Johansen	Date:	19/05/2021
Position:	Engineer		
Signature	<i>Lasse Bye Johansen</i>		

Report Issue Number: 1  
 Report Issued Date: 01/06/2021  
 Project Number: P127182  
 Project Name: DigiPlex - DHAS-C (OSL21)  
 Unit Name: Data Halls 1 & 2 AHU (360.002)

### Project Information

Project Number:	P127182	Project Name:	DigiPlex - DHAS-C (OSL21)
Client Reference:	OSL21		

### Site Information

Site Name:	DigiPlex - DHAS-C (OSL21)		
Address:	Holtskogen 31		
Town/City:	Tomter	Postcode:	1825
Contact Name:	Geir Vistung	Contact Number:	+47 901 20 403

### Equipment Information

Unit Name:	Data Halls 1 & 2 AHU (360.002)		
Unit Serial Number:	651987.0015	Unit Model:	CAIRplus 160
Unit Airstreams:	Supply/Extract	Unit Installation:	Internal Unit (Internal Environment)
Unit Handling:	Left		

### Controller Information

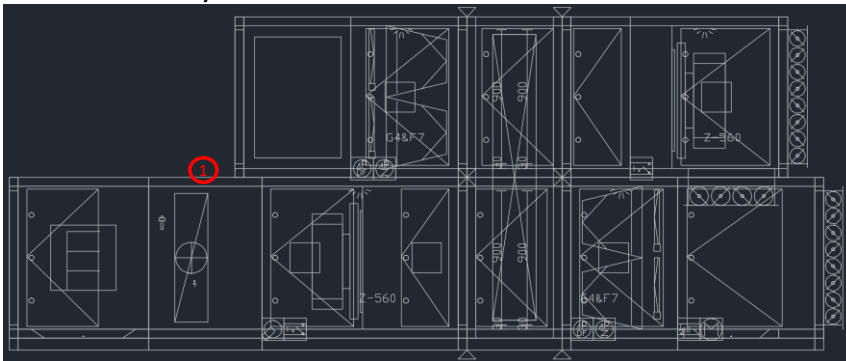
Controller Type:	ISYteq 6030	Software Version:	v2.1.8.0
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### Test Meters

Meter Name	Meter used for	Meter Serial Number	Meter Calibration Number	Meter Calibration Date	Meter Calibration Expiry Date
Testo	Voltage, Current	49301104	7294-20	26/08/2020	26/08/2021

### 3. Overall Unit

Circle and number any areas:



Service Side

Type (Damage, Seal or Corrosion)	Number	Comments
Damage	1	Screw Hole in the Frame.

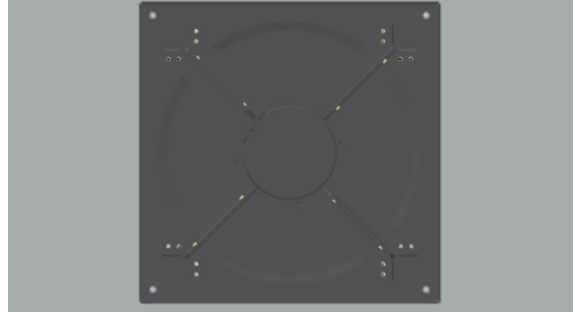
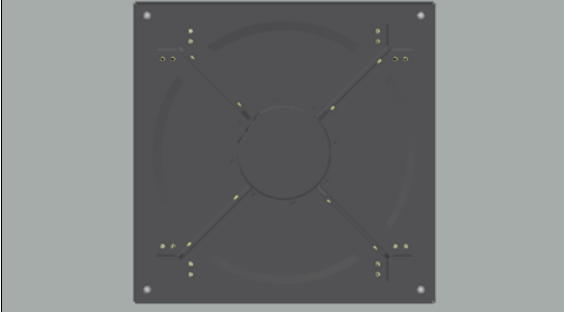
Alarm, Event & Maintenance Logs checked and OK? Yes / No

Notes:

Report Issue Number: 1  
 Report Issued Date: 01/06/2021  
 Project Number: P127182  
 Project Name: DigiPlex - DHAS-C (OSL21)  
 Unit Name: Data Halls 1 & 2 AHU (360.002)

#### 4. Fans

Circle and number any areas:



Supply (Air Off Side)

Exhaust (Air Off Side)

Type (Debris, Damage or Corrosion)	Number	Comments

All fans checked and free from noise or vibration?

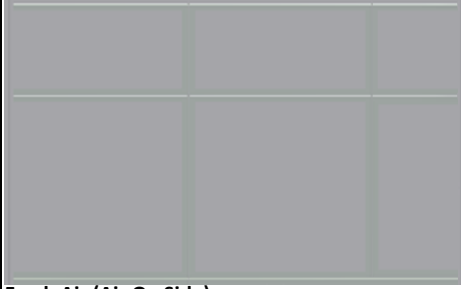
Yes / No

Notes:

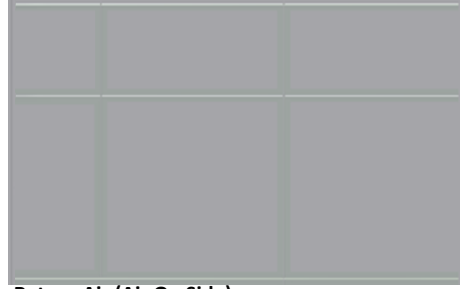
Report Issue Number: 1  
 Report Issued Date: 01/06/2021  
 Project Number: P127182  
 Project Name: DigiPlex - DHAS-C (OSL21)  
 Unit Name: Data Halls 1 & 2 AHU (360.002)

## 5. Filters

Circle and number any areas:



Fresh Air (Air On Side)



Return Air (Air On Side)

Type (Debris, Damage or Corrosion)	Number	Comments

Airstream	Actual Value (Pa)	Airflow (m3/h)	Fan Level (%)	Filter Dirty Limit
Fresh Air Pre Filter (G4)	90 Pa	12372 m3/h	92.5 %	150 Pa
Fresh Air Main Filter (F7)	80 Pa			208 Pa
Return Air Pre Filter (G4)	70 Pa	9932 m3/h	89.0 %	150 Pa
Return Air Main Filter (F7)	120 Pa			193 Pa

Fresh Air Filters Replaced? Yes / No

Return Air Filters Replaced? Yes / No

Notes:

## 7. Dampers

Fresh Air Damper driven end to end and physically witnessed? Yes / No

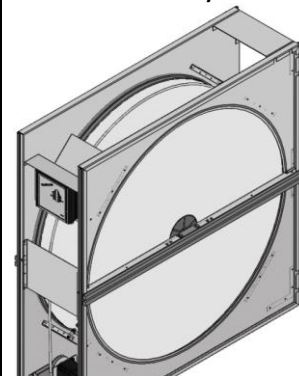
Exhaust Air Damper driven end to end and physically witnessed? Yes / No

Mixing Damper driven end to end and physically witnessed? Yes / No

Notes:

## 8. Thermal Recovery Wheel

Circle and number any areas:





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 Project Name: DigiPlex - DHAS-C (OSL21)  
 Unit Name: Data Halls 1 & 2 AHU (360.002)



Type (Damage, Seal or Corrosion)	Number	Comments

Thermal Wheel rotates freely without rubbing? Yes / No  
 Thermal Wheel Belt in good condition? Yes / No  
 Thermal Wheel Seals in good condition? Yes / No

Notes:

## 9. Controls & Control Panel

Overload settings checked and OK? Yes / No

### Voltage Readings (Calibrated Readings)

L1 -> N:	241	L2 -> N:	242	L3 -> N:	241
L1 -> L2:	421	L1 -> L3:	422	L2 -> L3:	422

### Current Readings (Calibrated Readings)

#### SUPPLY FAN

Fan Level:	50 %					
Fan Current:	L1:	1.10 A	L2:	1.10 A	L3:	1.10 A

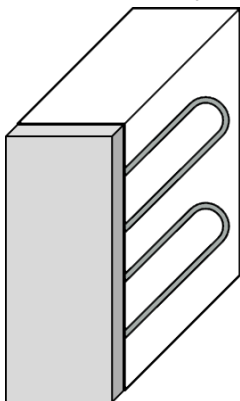
#### EXHAUST FAN

Fan Level:	50 %					
Fan Current:	L1:	1.10 A	L2:	1.10 A	L3:	1.10 A

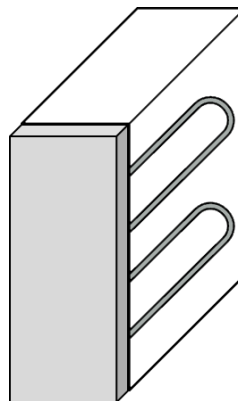
Notes:

## 10. Electric Heating Coils

Circle and number any areas:



Frost Coil



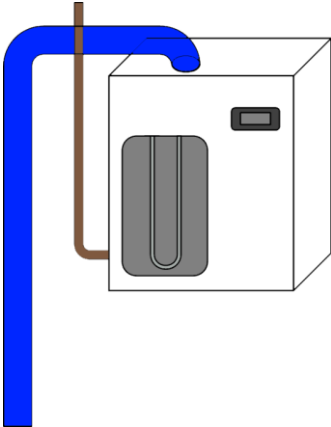
Heating Coil

Type (Debris, Damage or Corrosion)	Number	Comments

Report Issue Number: 1  
 Report Issued Date: 01/06/2021  
 Project Number: P127182  
 Project Name: DigiPlex - DHAS-C (OSL21)  
 Unit Name: Data Halls 1 & 2 AHU (360.002)


## 11. Humidifier

Circle and number any areas:



Type (Leak or Arc/Spark)	Number	Comments

Total Operating Hours:

Cylinder 1 Operating Hours:

Cylinder replaced if required and the Change & Flush Cylinder function on the HMI run? Yes / No

Notes:

The old Cylinder has left some Brown marks in the steam lance/nozzles, to check during the next visit after it has run some steam with the new Cylinder.

## General

I confirm I have maintained the unit as per the maintenance task list:

<b>Name:</b>	Lasse Bye Johansen	<b>Date:</b>	19/05/2021
<b>Position:</b>	Engineer		
<b>Signature</b>	<i>Lasse Bye Johansen</i>		

Report Issue Number: 1  
 Report Issued Date: 01/06/2021  
 Project Number: P127182  
 Project Name: DigiPlex - DHAS-C (OSL21)  
 Unit Name: Data Halls 3 & 4 AHU (360.003)

### Project Information

Project Number:	P127182	Project Name:	DigiPlex - DHAS-C (OSL21)
Client Reference:	OSL21		

### Site Information

Site Name:	DigiPlex - DHAS-C (OSL21)		
Address:	Holtskogen 31		
Town/City:	Tomter	Postcode:	1825
Contact Name:	Geir Vistung	Contact Number:	+47 901 20 403

### Equipment Information

Unit Name:	Data Halls 3 & 4 AHU (360.003)		
Unit Serial Number:	651987.0010	Unit Model:	CAIRplus 160
Unit Airstreams:	Supply/Extract	Unit Installation:	Internal Unit (Internal Environment)
Unit Handing:	Left		

### Controller Information

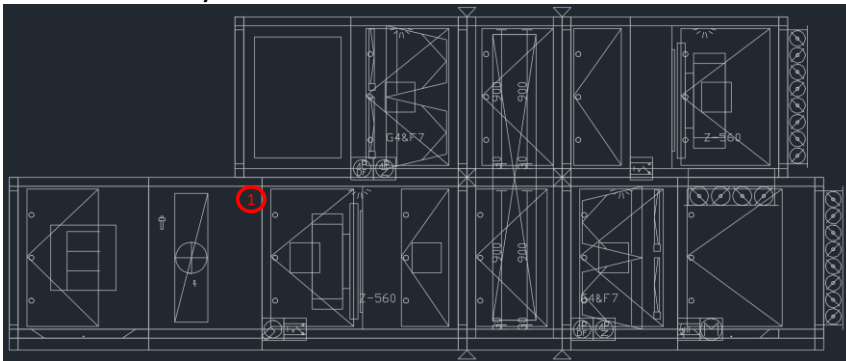
Controller Type:	ISYteq 6030	Software Version:	v2.1.8.0
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### Test Meters

Meter Name	Meter used for	Meter Serial Number	Meter Calibration Number	Meter Calibration Date	Meter Calibration Expiry Date
Testo	Voltage, Current	49301104	7294-20	26/08/2020	26/08/2021

### 3. Overall Unit

Circle and number any areas:



Service Side

Type (Damage, Seal or Corrosion)	Number	Comments
Damage	1	2 Screw Holes.

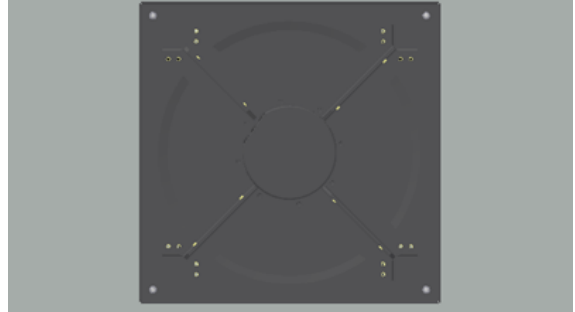
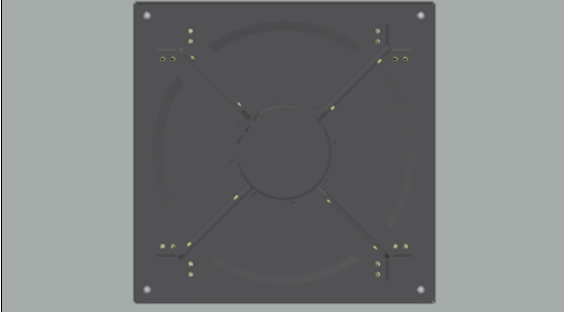
Alarm, Event & Maintenance Logs checked and OK? Yes / No

Notes:

**Report Issue Number:** 1  
**Report Issued Date:** 01/06/2021  
**Project Number:** P127182  
**Project Name:** DigiPlex - DHAS-C (OSL21)  
**Unit Name:** Data Halls 3 & 4 AHU (360.003)

#### 4. Fans

Circle and number any areas:



Supply (Air Off Side)

Exhaust (Air Off Side)

Type (Debris, Damage or Corrosion)	Number	Comments

All fans checked and free from noise or vibration?

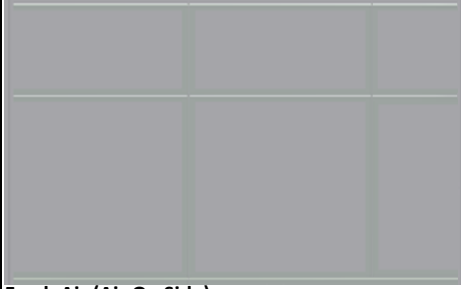
Yes / No

Notes:

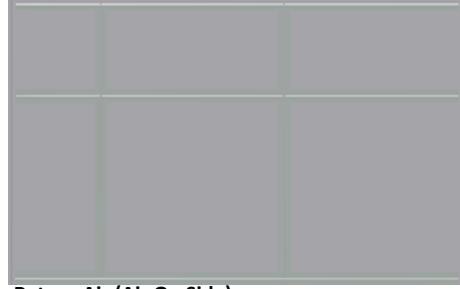
Report Issue Number: 1  
 Report Issued Date: 01/06/2021  
 Project Number: P127182  
 Project Name: DigiPlex - DHAS-C (OSL21)  
 Unit Name: Data Halls 3 & 4 AHU (360.003)

## 5. Filters

Circle and number any areas:



Fresh Air (Air On Side)



Return Air (Air On Side)

Type (Debris, Damage or Corrosion)	Number	Comments

Airstream	Actual Value (Pa)	Airflow (m3/h)	Fan Level (%)	Filter Dirty Limit
Fresh Air Pre Filter (G4)	100 Pa	12486 m3/h	95.8 %	150 Pa
Fresh Air Main Filter (F7)	90 Pa			208 Pa
Return Air Pre Filter (G4)	70 Pa	10135 m3/h	97.5 %	150 Pa
Return Air Main Filter (F7)	120 Pa			193 Pa

Fresh Air Filters Replaced? Yes / No

Return Air Filters Replaced? Yes / No

Notes:

## 7. Dampers

Fresh Air Damper driven end to end and physically witnessed? Yes / No

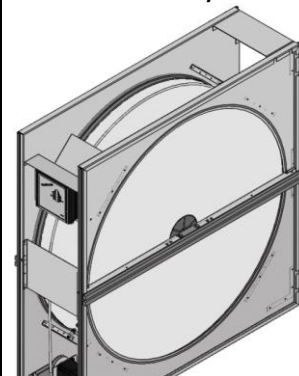
Exhaust Air Damper driven end to end and physically witnessed? Yes / No

Mixing Damper driven end to end and physically witnessed? Yes / No

Notes:

## 8. Thermal Recovery Wheel

Circle and number any areas:



Report Issue Number: 1  
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 Project Number: P127182  
 Project Name: DigiPlex - DHAS-C (OSL21)  
 Unit Name: Data Halls 3 & 4 AHU (360.003)



Type (Damage, Seal or Corrosion)	Number	Comments

Thermal Wheel rotates freely without rubbing? Yes / No  
 Thermal Wheel Belt in good condition? Yes / No  
 Thermal Wheel Seals in good condition? Yes / No

Notes:

## 9. Controls & Control Panel

Overload settings checked and OK? Yes / No

### Voltage Readings (Calibrated Readings)

L1 -> N:	241	L2 -> N:	242	L3 -> N:	242
L1 -> L2:	421	L1 -> L3:	422	L2 -> L3:	422

### Current Readings (Calibrated Readings)

#### SUPPLY FAN

Fan Level:	50 %					
Fan Current:	L1:	1.10 A	L2:	1.10 A	L3:	1.10 A

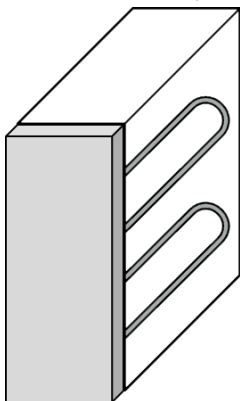
#### EXHAUST FAN

Fan Level:	50 %					
Fan Current:	L1:	1.10 A	L2:	1.10 A	L3:	1.10 A

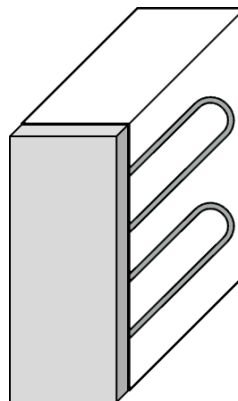
Notes:

## 10. Electric Heating Coils

Circle and number any areas:



Frost Coil



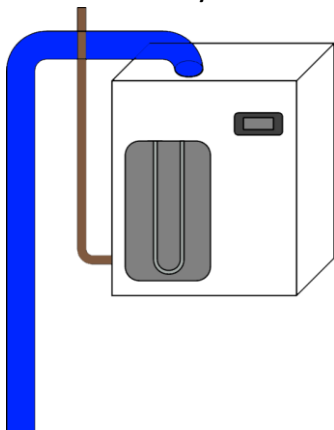
Heating Coil

Type (Debris, Damage or Corrosion)	Number	Comments

**FläktGroup®**

Notes:		

**Circle and number any areas:**

[illegible]

Cylinder 1 Operating Hours: 0

Cylinder replaced if required and the Change & Flush Cylinder function on the HMI run?	Yes / No
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**Notes:**

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I confirm I have maintained the unit as per the maintenance task list:

Position:	Engineer
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**Signature** *Lasse Bye Johansen*