



Technical Intervention Report

22/03/2021

Digiplex Norway AS - Holtskogen
Digiplex - Holtskogen PODS - SITE

Our reference: - / WO-08473821
Report prepared by Mario dos Santos

Customer reference: P-816510
Customer contact: Geir Vistung




Report approved by

Schneider Electric
Sandstuveien 68
0680 Oslo
NO
+47 41698411
mario.dossantos@se.com

Digiplex Norway AS - Holtskogen
Holtskogen 31
1825 Tomter
Norway

gvistung@digiplex.com

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Legend	
 Conforms	The equipment conforms
 Conforms with reservations	CAUTION: action required per our recommendations (failure to follow these instructions can result in injury, equipment damage or loss of service continuity).
 Does not conform	DANGER: action required immediately per our recommendations (failure to follow these instructions will result in death, serious injury, property damage or loss of service continuity).

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Executive summary

Final considerations

Oppfølging etter servicebesøk.

Maskiner tappes ned og kuldemediemengde kontrolleres. Lekkasje kontrolleres og tettes hvor det er behov.

Main Findings and Recommendations



Digiplex - Holtskogen POD E / **IDAV**

Activity

Repair

Findings

Impact on customer: Safety

Condition of system upon arrival: Cooling equipment is off line

Circumstance of the fault: No particular circumstance, Other, Low pressure failure

Premises and environment visual check: The premises are clean, Refrigerant leak

Present fault(s): Refrigerant pressure

Unit and sub-assemblies visual check: No component visibly faulty, Refrigerant leak, Bubbles in sight glass

Fault event logs cleared: Not performed

Test equipment and software used

Following software has been used during the intervention:

Software	Version	Expertise
OnSite Connect	4.19.1.3	4.00.04
OnSite - Maintenance	4.19.1.1	4.00.03

Details of intervention for each asset

IDAV

Location: Digiplex - Holtskogen PODS - SITE / Digiplex - Holtskogen POD E

Main characteristics	Installed product lifecycle
Brand: APC	Manufacturing date: 21/04/2020
Range: Uniflair Med/Large Room Cooling	End of commercialization date: Not defined
SKU (Reference): IDAV	Obsolescence date: Not defined
Product description: Direct expansion air-cooled unit downflow with EC backward curved fans and brush	Withdrawal date: Not defined
Complementary identification: IDAV	Commissioning date: 27/08/2020
Serial number: SCE153579	Warranty end date: 26/08/2021
Phase type: 3:3	
Customer reference: Pod E, kjøler 1.	

Repair



Performed procedure

Repair

Health Status

Conforms with reservations

Comment

Se kommentarer i oppsummering.

Findings

Impact on customer : Safety

Maskinen starter ikke ved lav utetemperatur. Ingen backup dersom friskjøling feiler på vinterstid.

Condition of system upon arrival : Cooling equipment is off line

Circumstance of the fault : No particular circumstance Other Low pressure failure

Kompressoren legger ut på low pressure da den ikke makter å flytte kuldemedium mellom kondensator og fordampner før fordampningstrykket blir for lavt.

Premises and environment visual check : The premises are clean Refrigerant leak

Lekkasje tettes ved manifold på kondensator tettes.

Present fault(s) : Refrigerant pressure

Noe lav kuldemediumfylling, samt lav setting på lavt fordampningstrykk.

Unit and sub-assemblies visual check : No component visibly faulty Refrigerant leak Bubbles in sight glass

Maskinen tappes ned og fylles på nytt. Etterfyller med nødvendig kuldemedium. Lekkasje ved manifold tettes.

Fault event logs cleared : Not performed





Incident description

Incident description	Maskinene starter ikke ved lav omgivende utetemperatur.
Impact on customer	Safety
Condition of system upon arrival	Cooling equipment is off

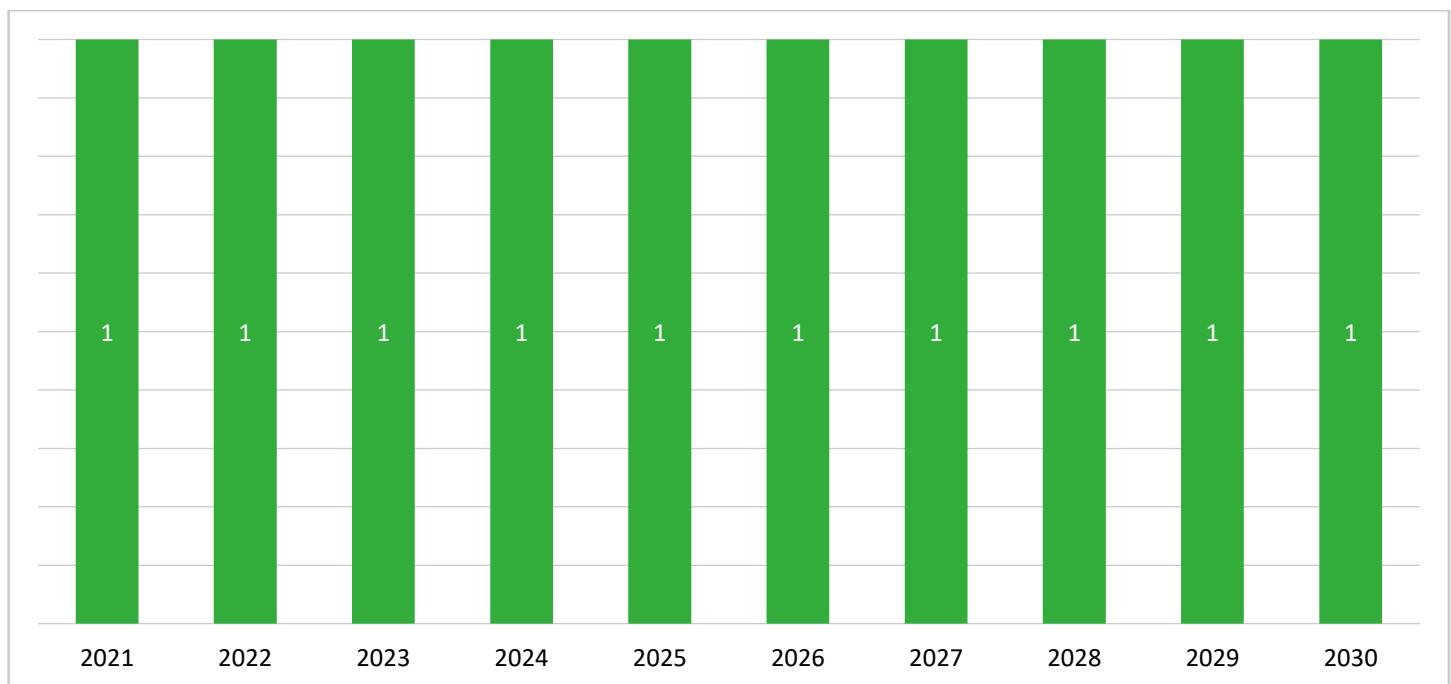
	line
Investigation and analysis	
Circumstance of the fault	No particular circumstance / Other / Low pressure failure
Premises and environment visual check	The premises are clean / Refrigerant leak
Present fault(s)	Refrigerant pressure
Unit and sub-assemblies visual check	No component visibly faulty / Refrigerant leak / Bubbles in sight glass
Conclusion	
Fault origin	The fault has not been reproduced
Corrective action	Lekkasje er tettet, og kuldemediefylling blir komplettert av Rune R. fra Drammen kuldeteknikk.
Final inspection	
Equipment	
Parts' states and revisions insured proper unit operation	Ok
No active alarms in the UPS Tuner	Ok
Fault event logs cleared	Not performed
Other	
The area is clean and tidy	Ok

Obsolescence status


You will find below obsolescence information about the equipment covered in this intervention

Legend	
 Commercialized	Commercialization period, Supply of spare parts guaranteed
 Spare parts available	End of commercialization. Spare parts available for a limited time
 Obsolete	Final cancellation. No spare parts availability
 Unknown	Obsolescence dates are unknown

Obsolescence evolution over the next 10 years



Detailed view of the obsolescence status

Obsolescence details per type of Cooling equipment					
Brand	Range	SubRange	End of Commercialization	Obsolescence	Qty
 Commercialized (1)					
APC	Uniflair Med/Large Room Cooling		Not defined	Not defined	1