



CHECKLIST:

Yes No

Thermal Camera Pictures of the corridors to detect hot spots, hot spots detected?	<input type="checkbox"/>	<input type="checkbox"/>
Airflow measurement in the grilles to detect defect/excess of airflow, 0.6-1.0 m/s ²	<input type="checkbox"/>	<input type="checkbox"/>
Thermal Picture of the Main Switchboard to detect overhead switches T > 50°C	<input type="checkbox"/>	<input type="checkbox"/>
Check Temperatures/Humidity per corridor and Delta T > 10 °C	<input type="checkbox"/>	<input type="checkbox"/>
Check of state of the door, open to outside and closes correctly	<input type="checkbox"/>	<input type="checkbox"/>
Check Construction/building materials according to fire protection (door and walls)	<input type="checkbox"/>	<input type="checkbox"/>
Check of redundancy in cooling and power, general analysis	<input type="checkbox"/>	<input type="checkbox"/>
Check if Rack Cabling is ok or seem confused and no labeled	<input type="checkbox"/>	<input type="checkbox"/>
Check if surface dirtiness in racks and equipments	<input type="checkbox"/>	<input type="checkbox"/>
Check about working of security system, cameras, lock, access	<input type="checkbox"/>	<input type="checkbox"/>
Check if fire system revision is updated	<input type="checkbox"/>	<input type="checkbox"/>
Check if Building management system is working correctly	<input type="checkbox"/>	<input type="checkbox"/>

*** Monitoring devides:**

number and location of devices

Yes No

Temperature sensor	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Humidity sensor	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Airflow sensor	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Water leak cords	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Fuel leak cords	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

*** Equipment general alarm:**

Yes No

UPS	<input type="checkbox"/>	<input type="checkbox"/>
STS	<input type="checkbox"/>	<input type="checkbox"/>
Transfer switches	<input type="checkbox"/>	<input type="checkbox"/>

	V (m/s)	T (°C)	RH (%)
Grille 01			
Grille 02			
Grille 03			
Grille 04			
Grille 05			
Grille 06			
Grille 07			
Grille 08			
Grille 09			
Grille 10			
Grille 11			
Grille 12			
Grille 13			
Grille 14			
Grille 15			
Grille 16			
Etc.			

	Velocity return air	V (m/s) supply air	Temperature return air	T (°C) supply air	Relative Humidity return air	RH (%) supply air
CRAC 1						
CRAC 2						

In the CRAC return, will be measured 20 cm above the air filters, right in the center of the return plenum
 In the CRAC supply it will be measured at 0.5 m. in front of the support plinth, right in the center of the CRAC
 In the air Grille it will be measured in the center, 5 cm above the Grille

Dirtiness

	Corner 1	Corner 2	Corner 3	Corner 4
Level 1				
Level 2				
Level 3				
Level 4				

	Row 1	Row 2	Row 3	Row 4
Level 1				
Level 2				
Level 3				
Level 4				

IT Room	
Dimensions:	
cote x (m)	
cote y (m)	
Tiles (mm)	
Raised Floor (m)	
IT Room High (m)	
Rack High (m)	
Characteristics:	
IT Power (kW)	
Nº racks	
Nº CRAC	
Feed temperature	

Building Basic Check (tick correctly)				
Raised floor	Slab dimension	<input type="checkbox"/> 600 mm	<input type="checkbox"/> 21"	
	Inner Core	<input type="checkbox"/> Wood	<input type="checkbox"/> Concrete	<input type="checkbox"/> Other
	Conductive frames	<input type="checkbox"/> Upper face	<input type="checkbox"/> Underside	
	Fixed to floor	<input type="checkbox"/> Glue	<input type="checkbox"/> Screw	<input type="checkbox"/> No
	Metallic structure	<input type="checkbox"/> Yes	<input type="checkbox"/> No	
	Grounding	<input type="checkbox"/> Yes	<input type="checkbox"/> No	
	% holes			
	airflow barriers	<input type="checkbox"/> Yes	<input type="checkbox"/> No	
Main Door	Free space High		Free Width	
	Fire protection	<input type="checkbox"/> No	<input type="checkbox"/> 60 min	<input type="checkbox"/> More
	Inner Core	<input type="checkbox"/> Rock wool	<input type="checkbox"/> Other	
	Access control	<input type="checkbox"/> Yes	<input type="checkbox"/> No	
	Security bar	<input type="checkbox"/> Yes	<input type="checkbox"/> No	
Secondary Door	Free space High		Free Width	
	Fire protection	<input type="checkbox"/> No	<input type="checkbox"/> 60 min	<input type="checkbox"/> More
	Inner Core	<input type="checkbox"/> Rock wool	<input type="checkbox"/> Other	
	Access control	<input type="checkbox"/> Yes	<input type="checkbox"/> No	
	Security bar	<input type="checkbox"/> Yes	<input type="checkbox"/> No	

Add a Plant View of your Room in Next Page:

Prepared by
Date
Company

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