System type: 78107 GYROSCAN ACS-NT

Module: MR Coil Replacement

Chapte	er: SPT executed	Cycle:		Work:					
	Action name	Unit	Min	Max	Min (D)	Max (D)	Min (%)	Max (%)	Results
	Dun CDT								

Run SPT

Visual Inspection

Module: Gyroscan	NT PM-man.	(All releases)
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oscan NT PM-man. (All releases)								
Chapter: Checks 4 Months	Cycle: 4	4 Months	S	Work:				
Action name	Unit	Min	Max	Min (D)	Max (D)	Min (%)	Max (%)	Results
2.1.1 Phantom check								
2.1.2 PIQT Periodic Image Quality Test								
2.3 Dust filters and fans								
2.6 Check site conditions								
Temperature Examination Room	°C	20.000	24.000					
Temperature Technical Room	°C	15.000	24.000					
Temperature Control Room	°C	18.000	24.000					
Relative Humidity Examination Room	%	40.000	60.000					
Relative Humidity Technical Room	%	30.000	70.000					
Relative Humidity Control Room	%	30.000	70.000					
Amount of Dust								
4.3 Replacem. date Ion. Cartridge								
4.5 Verify Heat Exchanger settings								
7.1.1 Check finger prot. plate & alarm								
8.4 RF Power Ref. & PU coil adjustment								
9. Monitor adjustment								
10.1 Non-Optical Mouse Cleaning								
11.1 Clean up Directories								
11.2 Total Backup								
11.6 Check Statistical Logging								

Chapter: Check pressure of the compressor	Cycle:	4 Month	S	Work:				
Action name	Unit	Min	Max	Min (D)	Max (D)	Min (%)	Max (%)	Results
5.1.1 Pressure value Supply	PSI							
5.1.1 Pressure value Return	PSI							
Chapter: Check value hour counter	Cycle:	4 Month	S	Work:				

Action name	Unit	Min	Max	Min (D)	Max (D)	Min (%)	Max (%)	Results
5.1.2 Readout of the hour counter	h			. ,	. ,	, ,	. ,	
5.1.2 Date of last check								
Chapter: Check of the Helium level and boil off	Cycle:	4 Month	ıs	Work:				
Action name	Unit	Min	Max	Min (D)	Max (D)	Min (%)	Max (%)	Results
6.1 Helium level	%							
6.1 Date of last check								
6.1 Date of last refill								
6.1 Liters of He refilled	I							
6.1 Boil-off	ml/h							
Chapter: Checks 8 Months I		8 Month		Work:				
Action name	Unit	Min	Max	Min (D)	Max (D)	Min (%)	Max (%)	Results
2.3.1 Fan(s) of the Reconstructor								
2.3.2 Dust filters and fans BDAS								
2.3.3 Dust filters & fans RF power amp								
2.3.5 Fan units gradient system								
2.4 RF cage								
2.5 Check the RF coils								
Chapter: Checks 8 Months II		8 Month		Work:				
Chapter: Checks 8 Months II Action name	Cycle: Unit	<mark>8 Mont</mark> Min	ns Max		Max (D)	Min (%)	Max (%)	Results
Chapter: Checks 8 Months II Action name 8.2 The Automatic NTDAC Tests					Max (D)	Min (%)	Max (%)	Results
Chapter: Checks 8 Months II Action name 8.2 The Automatic NTDAC Tests 8.2.1 Automatic BDAS procedures					Max (D)	Min (%)	Max (%)	Results
Chapter: Checks 8 Months II Action name 8.2 The Automatic NTDAC Tests 8.2.1 Automatic BDAS procedures 8.4.1 Resonance Freq. determination					Max (D)	Min (%)	Max (%)	Results
Chapter: Checks 8 Months II Action name 8.2 The Automatic NTDAC Tests 8.2.1 Automatic BDAS procedures 8.4.1 Resonance Freq. determination 8.3 RF power Amplifier measurements					Max (D)	Min (%)	Max (%)	Results
Chapter: Checks 8 Months II Action name 8.2 The Automatic NTDAC Tests 8.2.1 Automatic BDAS procedures 8.4.1 Resonance Freq. determination 8.3 RF power Amplifier measurements 8.4.2 Power Reference measurement					Max (D)	Min (%)	Max (%)	Results
Chapter: Checks 8 Months II Action name 8.2 The Automatic NTDAC Tests 8.2.1 Automatic BDAS procedures 8.4.1 Resonance Freq. determination 8.3 RF power Amplifier measurements 8.4.2 Power Reference measurement 8.4.3 Pickup-coil measurement	Unit	Min	Max	Min (D)		Min (%)	Max (%)	Results
Chapter: Checks 8 Months II Action name 8.2 The Automatic NTDAC Tests 8.2.1 Automatic BDAS procedures 8.4.1 Resonance Freq. determination 8.3 RF power Amplifier measurements 8.4.2 Power Reference measurement 8.4.3 Pickup-coil measurement Chapter: Checks 12 months I	Unit Cycle:	Min 12 Mon	Max ths	Min (D)	:			
Chapter: Checks 8 Months II Action name 8.2 The Automatic NTDAC Tests 8.2.1 Automatic BDAS procedures 8.4.1 Resonance Freq. determination 8.3 RF power Amplifier measurements 8.4.2 Power Reference measurement 8.4.3 Pickup-coil measurement Chapter: Checks 12 months I Action name	Unit	Min	Max	Min (D)	:		Max (%) Max (%)	
Chapter: Checks 8 Months II Action name 8.2 The Automatic NTDAC Tests 8.2.1 Automatic BDAS procedures 8.4.1 Resonance Freq. determination 8.3 RF power Amplifier measurements 8.4.2 Power Reference measurement 8.4.3 Pickup-coil measurement Chapter: Checks 12 months I Action name 2.4.1 Helium Exhaust Pipe	Unit Cycle:	Min 12 Mon	Max ths	Min (D)	:			
Chapter: Checks 8 Months II Action name 8.2 The Automatic NTDAC Tests 8.2.1 Automatic BDAS procedures 8.4.1 Resonance Freq. determination 8.3 RF power Amplifier measurements 8.4.2 Power Reference measurement 8.4.3 Pickup-coil measurement Chapter: Checks 12 months I Action name 2.4.1 Helium Exhaust Pipe 6.2.2 Seals Quench Switches	Unit Cycle:	Min 12 Mon	Max ths	Min (D)	:			
Chapter: Checks 8 Months II Action name 8.2 The Automatic NTDAC Tests 8.2.1 Automatic BDAS procedures 8.4.1 Resonance Freq. determination 8.3 RF power Amplifier measurements 8.4.2 Power Reference measurement 8.4.3 Pickup-coil measurement Chapter: Checks 12 months I Action name 2.4.1 Helium Exhaust Pipe 6.2.2 Seals Quench Switches 6.4 Check Cables at the Magnet	Unit Cycle:	Min 12 Mon	Max ths	Min (D)	:			
Chapter: Checks 8 Months II Action name 8.2 The Automatic NTDAC Tests 8.2.1 Automatic BDAS procedures 8.4.1 Resonance Freq. determination 8.3 RF power Amplifier measurements 8.4.2 Power Reference measurement 8.4.3 Pickup-coil measurement Chapter: Checks 12 months I Action name 2.4.1 Helium Exhaust Pipe 6.2.2 Seals Quench Switches 6.4 Check Cables at the Magnet 6.4.2 Adjust B0 circuit (option)	Unit Cycle:	Min 12 Mon	Max ths	Min (D)	:			
Chapter: Checks 8 Months II Action name 8.2 The Automatic NTDAC Tests 8.2.1 Automatic BDAS procedures 8.4.1 Resonance Freq. determination 8.3 RF power Amplifier measurements 8.4.2 Power Reference measurement 8.4.3 Pickup-coil measurement Chapter: Checks 12 months I Action name 2.4.1 Helium Exhaust Pipe 6.2.2 Seals Quench Switches 6.4 Check Cables at the Magnet	Unit Cycle:	Min 12 Mon	Max ths	Min (D)	:			

- 7.1.7 Check Patient support lights
- 7.1.8 Check Emergency stop circuit (MT)
- 7.1.9 Check Patient Support Fans (MT)
- 8.5.1 Gradient parameters determination

8.6 Spike check								
Chapter: Checks 12 months II	Cycle:	12 Mon	ths	Work				
Action name	Unit	Min	Max	Min (D)	Max (D)	Min (%)	Max (%)	Results
2.2.7 Visual Inspection								
4.4 Clean strainers heat exch (PT 3/6)								
5.1.3 Check water and oil circuits								
2.2.1 Check stop Function								
2.2.2 Check door Switch (NA)								
2.2.3 Helium Overpressure det. Switch								
2.2.4 Check Gradient Airflow Circuit								
2.2.5 Gradient coil Temperature Sensors								
Chapter: Checks 12 months III	Cycle:	12 Mon	ths	Work	:			
Action name	Unit	Min	Max	Min (D)	Max (D)	Min (%)	Max (%)	Results
6.2.3 Check the ERDU (Availability)								

6.2.3	Check the ERDU (Availability)								
Chapter: 3.1	Mains distribution	Cycle: 12 Months		Work	:				
Action	n name	Unit	Min	Max	Min (D)	Max (D)	Min (%)	Max (%)	Results
From	MDU to Heat Exchanger	mOhm		180.000					
From	MDU to Gradient Amplifier	mOhm		100.000					
From	SFB to Patient Table	mOhm		20.000					
From	SFB to Patient Table Box	mOhm		20.000					
From	SFB to Ring Frame Front	mOhm		20.000					

From MDO to heat exchanger	monm	180.000
From MDU to Gradient Amplifier	mOhm	100.000
From SFB to Patient Table	mOhm	20.000
From SFB to Patient Table Box	mOhm	20.000
From SFB to Ring Frame Front	mOhm	20.000
From SFB to Ring Frame Rear	mOhm	20.000
From SFB to PFEI	mOhm	20.000
From SFB to TFEI	mOhm	20.000
From SFB to PICU front	mOhm	20.000
From SFB to Cold Head	mOhm	20.000
From SFB to Gradient Coil Shield	mOhm	20.000
From MDU to RF Amplifier	mOhm	100.000
From MDU to NTDAC	mOhm	100.000
From MDU to Magnet Power Supply (MMU)	mOhm	100.000

	From MDU to Compressor	mOhm		100.000					
	From MDU to System Filterbox (SFB)	mOhm		100.000					
	From MDO to Monitor Console	mOhm		100.000					
	From SFB to NTDAC	mOhm		50.000					
	From SFB to Magnet	mOhm		20.000					
Chapt	er: 2.2.6 Leakage current measurements	Cycle: 1	L2 Month	ıs	Work	C:			
	Action name	Unit	Min	Max	Min (D)	Max (D)	Min (%)	Max (%)	Results
	Measure leakage curr. at system standby	mA	0.000	10.000					
	Measure leakage curr.during acquisition	mA	0.000	10.000					
Chapt	er: Checks 24 months I	Cycle: 2	24 Month	ıs	Work	c			
	Action name	Unit	Min	Max	Min (D)	Max (D)	Min (%)	Max (%)	Results
	5.1.5 Date of Adsorber Replacement								
	5.2 Date of Coldhead Replacement								
	2.7 Check for dust in Hybrid box & QBC								
	4.1.1 Check Gradient Cables								
	Clean Computer system								
Chapt	er: Checks 24 months II	Cycle: 2	24 Month	is .	Work	C			
Chapt	er: Checks 24 months II Action name	Cycle: 2 Unit					Min (%)	Max (%)	Results
Chapt							Min (%)	Max (%)	Results
Chapt	Action name						Min (%)	Max (%)	Results
Chapt	Action name 6.2.1 Battery Date of Replacement						Min (%)	Max (%)	Results
	Action name 6.2.1 Battery Date of Replacement 6.3 Check DPS	Unit		Max		Max (D)	Min (%)	Max (%)	Results
	Action name 6.2.1 Battery Date of Replacement 6.3 Check DPS 10.2 Computer Cleaning	Unit	Min	Max	Min (D) Work	Max (D)		Max (%) Max (%)	
	Action name 6.2.1 Battery Date of Replacement 6.3 Check DPS 10.2 Computer Cleaning ter: Checks 48 months	Unit Cycle: 4	Min 8 Month	Max	Min (D) Work	Max (D)			
	Action name 6.2.1 Battery Date of Replacement 6.3 Check DPS 10.2 Computer Cleaning ter: Checks 48 months Action name	Unit Cycle: 4	Min 8 Month	Max	Min (D) Work	Max (D)			
Chapt	Action name 6.2.1 Battery Date of Replacement 6.3 Check DPS 10.2 Computer Cleaning ter: Checks 48 months Action name 7.2 Oil Filter Date last exchange	Unit Cycle: 4 Unit	Min 8 Month	Max Is Max	Min (D) Work	Max (D) :: Max (D)			
Chapt	Action name 6.2.1 Battery Date of Replacement 6.3 Check DPS 10.2 Computer Cleaning ter: Checks 48 months Action name 7.2 Oil Filter Date last exchange 7.3 Gear wheels Date last lubrication	Unit Cycle: 4 Unit	Min 8 Month Min 96 Month	Max IS Max	Work Win (D) Work	Max (D) C: Max (D)	Min (%)		Results
Chapt	Action name 6.2.1 Battery Date of Replacement 6.3 Check DPS 10.2 Computer Cleaning ter: Checks 48 months Action name 7.2 Oil Filter Date last exchange 7.3 Gear wheels Date last lubrication ter: Checks 96 months	Cycle: 4 Unit	Min 8 Month Min 96 Month	Max IS Max	Work Win (D) Work	Max (D) C: Max (D)	Min (%)	Max (%)	Results
Chapt	Action name 6.2.1 Battery Date of Replacement 6.3 Check DPS 10.2 Computer Cleaning ter: Checks 48 months Action name 7.2 Oil Filter Date last exchange 7.3 Gear wheels Date last lubrication ter: Checks 96 months Action name 7.4 Date last oil exchange	Cycle: 4 Unit	Min 8 Month Min 96 Month	Max IS Max	Work Win (D) Work	Max (D) C: Max (D)	Min (%)	Max (%)	Results
Chapt Chapt Module: Remote Mo	Action name 6.2.1 Battery Date of Replacement 6.3 Check DPS 10.2 Computer Cleaning ter: Checks 48 months Action name 7.2 Oil Filter Date last exchange 7.3 Gear wheels Date last lubrication ter: Checks 96 months Action name 7.4 Date last oil exchange	Cycle: 4 Unit Cycle: 9 Unit	Min 8 Month Min 96 Month	Max Max Ms Max	Work Win (D) Work	Max (D) Max (D) C: Max (D)	Min (%)	Max (%)	Results
Chapt Chapt Module: Remote Mo	Action name 6.2.1 Battery Date of Replacement 6.3 Check DPS 10.2 Computer Cleaning ter: Checks 48 months Action name 7.2 Oil Filter Date last exchange 7.3 Gear wheels Date last lubrication ter: Checks 96 months Action name 7.4 Date last oil exchange dem	Cycle: 4 Unit Cycle: 9 Unit	Min 8 Month Min 96 Month Min	Max Max Max Max	Work Min (D) Work Min (D) Work Min (D)	Max (D) Max (D) Max (D)	Min (%)	Max (%)	Results Results
Chapt Chapt Module: Remote Mo	Action name 6.2.1 Battery Date of Replacement 6.3 Check DPS 10.2 Computer Cleaning ter: Checks 48 months Action name 7.2 Oil Filter Date last exchange 7.3 Gear wheels Date last lubrication ter: Checks 96 months Action name 7.4 Date last oil exchange dem ter: Modem Test	Cycle: 4 Unit Cycle: 9 Unit Cycle: 9	Min 8 Month Min 96 Month Min	Max Max Max Max	Work Min (D) Work Min (D) Work Min (D)	Max (D) Max (D) Max (D)	Min (%)	Max (%)	Results Results