

Facility: _____ Room #: _____ Unit ID: _____

CT EQUIPMENT QUALITY CONTROL (Water Phantom)

Axial Baseline: _____

Helical Baseline: _____

Range: _____ to _____

Range: _____ to _____

Month: Day:	ROI ~ 400 mm ²	Water HU (-5 to 5)	Pass or Fail	Water SD ± 20%	Pass or Fail	Artifacts Y/N	Notes
1	Axial						
2	Helical						
3	Axial						
4	Helical						
5	Axial						
6	Helical						
7	Axial						
8	Helical						
9	Axial						
10	Helical						
11	Axial						
12	Helical						
13	Axial						
14	Helical						
15	Axial						
16	Helical						
17	Axial						
18	Helical						
19	Axial						
20	Helical						
21	Axial						
22	Helical						
23	Axial						
24	Helical						
25	Axial						
26	Helical						
27	Axial						
28	Helical						
29	Axial						
30	Helical						
31	Axial						

Axial and helical phantom acquisitions can be alternated every other day if desired. If either the mean CT number or the noise (standard deviation) is not within the Pass/Fail limit for 3 days in a row or 3 times within a 7-day period, corrective action should be taken by reporting the problem to service representatives for corrective repair. If any artifacts are observed, service must be contacted immediate to initiate corrective action.

Reviewed by: _____

Qualified Medical Physicist

Date of review

CT EQUIPMENT QUALITY CONTROL (Water Phantom)

Axial Baseline: _____

Helical Baseline: _____

Range: _____ to _____

Range: _____ to _____

Month: Day:	ROI ~ 400 mm ²	Water HU (-5 to 5)	Pass or Fail	Water SD ± 20%	Pass or Fail	Artifacts Y/N	Notes
1	Axial						
2	Helical						
3	Axial						
4	Helical						
5	Axial						
6	Helical						
7	Axial						
8	Helical						
9	Axial						
10	Helical						
11	Axial						
12	Helical						
13	Axial						
14	Helical						
15	Axial						
16	Helical						
17	Axial						
18	Helical						
19	Axial						
20	Helical						
21	Axial						
22	Helical						
23	Axial						
24	Helical						
25	Axial						
26	Helical						
27	Axial						
28	Helical						
29	Axial						
30	Helical						
31	Axial						

Axial and helical phantom acquisitions can be alternated every other day if desired. If either the mean CT number or the noise (standard deviation) is not within the Pass/Fail limit for 3 days in a row or 3 times within a 7-day period, corrective action should be taken by reporting the problem to service representatives for corrective repair. If any artifacts are observed, service must be contacted immediate to initiate corrective action.

Reviewed by: _____

Qualified Medical Physicist

Date of review

CT EQUIPMENT QUALITY CONTROL (Water Phantom)

Axial Baseline: _____

Helical Baseline: _____

Range: _____ to _____

Range: _____ to _____

Month: Day:	ROI ~ 400 mm ²	Water HU (-5 to 5)	Pass or Fail	Water SD ± 20%	Pass or Fail	Artifacts Y/N	Notes
1	Axial						
2	Helical						
3	Axial						
4	Helical						
5	Axial						
6	Helical						
7	Axial						
8	Helical						
9	Axial						
10	Helical						
11	Axial						
12	Helical						
13	Axial						
14	Helical						
15	Axial						
16	Helical						
17	Axial						
18	Helical						
19	Axial						
20	Helical						
21	Axial						
22	Helical						
23	Axial						
24	Helical						
25	Axial						
26	Helical						
27	Axial						
28	Helical						
29	Axial						
30	Helical						
31	Axial						

Axial and helical phantom acquisitions can be alternated every other day if desired. If either the mean CT number or the noise (standard deviation) is not within the Pass/Fail limit for 3 days in a row or 3 times within a 7-day period, corrective action should be taken by reporting the problem to service representatives for corrective repair. If any artifacts are observed, service must be contacted immediate to initiate corrective action.

Reviewed by: _____

Qualified Medical Physicist

Date of review

CT EQUIPMENT QUALITY CONTROL (Water Phantom)

Axial Baseline: _____

Helical Baseline: _____

Range: _____ to _____

Range: _____ to _____

Month: Day:	ROI ~ 400 mm ²	Water HU (-5 to 5)	Pass or Fail	Water SD ± 20%	Pass or Fail	Artifacts Y/N	Notes
1	Axial						
2	Helical						
3	Axial						
4	Helical						
5	Axial						
6	Helical						
7	Axial						
8	Helical						
9	Axial						
10	Helical						
11	Axial						
12	Helical						
13	Axial						
14	Helical						
15	Axial						
16	Helical						
17	Axial						
18	Helical						
19	Axial						
20	Helical						
21	Axial						
22	Helical						
23	Axial						
24	Helical						
25	Axial						
26	Helical						
27	Axial						
28	Helical						
29	Axial						
30	Helical						
31	Axial						

Axial and helical phantom acquisitions can be alternated every other day if desired. If either the mean CT number or the noise (standard deviation) is not within the Pass/Fail limit for 3 days in a row or 3 times within a 7-day period, corrective action should be taken by reporting the problem to service representatives for corrective repair. If any artifacts are observed, service must be contacted immediate to initiate corrective action.

Reviewed by: _____

Qualified Medical Physicist

Date of review

CT EQUIPMENT QUALITY CONTROL (Water Phantom)

Axial Baseline: _____

Helical Baseline: _____

Range: _____ to _____

Range: _____ to _____

Month: Day:	ROI ~ 400 mm ²	Water HU (-5 to 5)	Pass or Fail	Water SD ± 20%	Pass or Fail	Artifacts Y/N	Notes
1	Axial						
2	Helical						
3	Axial						
4	Helical						
5	Axial						
6	Helical						
7	Axial						
8	Helical						
9	Axial						
10	Helical						
11	Axial						
12	Helical						
13	Axial						
14	Helical						
15	Axial						
16	Helical						
17	Axial						
18	Helical						
19	Axial						
20	Helical						
21	Axial						
22	Helical						
23	Axial						
24	Helical						
25	Axial						
26	Helical						
27	Axial						
28	Helical						
29	Axial						
30	Helical						
31	Axial						

Axial and helical phantom acquisitions can be alternated every other day if desired. If either the mean CT number or the noise (standard deviation) is not within the Pass/Fail limit for 3 days in a row or 3 times within a 7-day period, corrective action should be taken by reporting the problem to service representatives for corrective repair. If any artifacts are observed, service must be contacted immediate to initiate corrective action.

Reviewed by: _____

Qualified Medical Physicist

Date of review

CT EQUIPMENT QUALITY CONTROL (Water Phantom)

Axial Baseline: _____

Helical Baseline: _____

Range: _____ to _____

Range: _____ to _____

Month: Day:	ROI ~ 400 mm ²	Water HU (-5 to 5)	Pass or Fail	Water SD ± 20%	Pass or Fail	Artifacts Y/N	Notes
1	Axial						
2	Helical						
3	Axial						
4	Helical						
5	Axial						
6	Helical						
7	Axial						
8	Helical						
9	Axial						
10	Helical						
11	Axial						
12	Helical						
13	Axial						
14	Helical						
15	Axial						
16	Helical						
17	Axial						
18	Helical						
19	Axial						
20	Helical						
21	Axial						
22	Helical						
23	Axial						
24	Helical						
25	Axial						
26	Helical						
27	Axial						
28	Helical						
29	Axial						
30	Helical						
31	Axial						

Axial and helical phantom acquisitions can be alternated every other day if desired. If either the mean CT number or the noise (standard deviation) is not within the Pass/Fail limit for 3 days in a row or 3 times within a 7-day period, corrective action should be taken by reporting the problem to service representatives for corrective repair. If any artifacts are observed, service must be contacted immediate to initiate corrective action.

Reviewed by: _____

Qualified Medical Physicist

Date of review

CT EQUIPMENT QUALITY CONTROL (Water Phantom)

Axial Baseline: _____

Helical Baseline: _____

Range: _____ to _____

Range: _____ to _____

Month: Day:	ROI ~ 400 mm ²	Water HU (-5 to 5)	Pass or Fail	Water SD ± 20%	Pass or Fail	Artifacts Y/N	Notes
1	Axial						
2	Helical						
3	Axial						
4	Helical						
5	Axial						
6	Helical						
7	Axial						
8	Helical						
9	Axial						
10	Helical						
11	Axial						
12	Helical						
13	Axial						
14	Helical						
15	Axial						
16	Helical						
17	Axial						
18	Helical						
19	Axial						
20	Helical						
21	Axial						
22	Helical						
23	Axial						
24	Helical						
25	Axial						
26	Helical						
27	Axial						
28	Helical						
29	Axial						
30	Helical						
31	Axial						

Axial and helical phantom acquisitions can be alternated every other day if desired. If either the mean CT number or the noise (standard deviation) is not within the Pass/Fail limit for 3 days in a row or 3 times within a 7-day period, corrective action should be taken by reporting the problem to service representatives for corrective repair. If any artifacts are observed, service must be contacted immediate to initiate corrective action.

Reviewed by: _____

Qualified Medical Physicist

Date of review

CT EQUIPMENT QUALITY CONTROL (Water Phantom)

Axial Baseline: _____

Helical Baseline: _____

Range: _____ to _____

Range: _____ to _____

Month: Day:	ROI ~ 400 mm ²	Water HU (-5 to 5)	Pass or Fail	Water SD ± 20%	Pass or Fail	Artifacts Y/N	Notes
1	Axial						
2	Helical						
3	Axial						
4	Helical						
5	Axial						
6	Helical						
7	Axial						
8	Helical						
9	Axial						
10	Helical						
11	Axial						
12	Helical						
13	Axial						
14	Helical						
15	Axial						
16	Helical						
17	Axial						
18	Helical						
19	Axial						
20	Helical						
21	Axial						
22	Helical						
23	Axial						
24	Helical						
25	Axial						
26	Helical						
27	Axial						
28	Helical						
29	Axial						
30	Helical						
31	Axial						

Axial and helical phantom acquisitions can be alternated every other day if desired. If either the mean CT number or the noise (standard deviation) is not within the Pass/Fail limit for 3 days in a row or 3 times within a 7-day period, corrective action should be taken by reporting the problem to service representatives for corrective repair. If any artifacts are observed, service must be contacted immediate to initiate corrective action.

Reviewed by: _____

Qualified Medical Physicist

Date of review

CT EQUIPMENT QUALITY CONTROL (Water Phantom)

Axial Baseline: _____

Helical Baseline: _____

Range: _____ to _____

Range: _____ to _____

Month: Day:	ROI ~ 400 mm ²	Water HU (-5 to 5)	Pass or Fail	Water SD ± 20%	Pass or Fail	Artifacts Y/N	Notes
1	Axial						
2	Helical						
3	Axial						
4	Helical						
5	Axial						
6	Helical						
7	Axial						
8	Helical						
9	Axial						
10	Helical						
11	Axial						
12	Helical						
13	Axial						
14	Helical						
15	Axial						
16	Helical						
17	Axial						
18	Helical						
19	Axial						
20	Helical						
21	Axial						
22	Helical						
23	Axial						
24	Helical						
25	Axial						
26	Helical						
27	Axial						
28	Helical						
29	Axial						
30	Helical						
31	Axial						

Axial and helical phantom acquisitions can be alternated every other day if desired. If either the mean CT number or the noise (standard deviation) is not within the Pass/Fail limit for 3 days in a row or 3 times within a 7-day period, corrective action should be taken by reporting the problem to service representatives for corrective repair. If any artifacts are observed, service must be contacted immediate to initiate corrective action.

Reviewed by: _____

Qualified Medical Physicist

Date of review

CT EQUIPMENT QUALITY CONTROL (Water Phantom)

Axial Baseline: _____

Helical Baseline: _____

Range: _____ to _____

Range: _____ to _____

Month: Day:	ROI ~ 400 mm ²	Water HU (-5 to 5)	Pass or Fail	Water SD ± 20%	Pass or Fail	Artifacts Y/N	Notes
1	Axial						
2	Helical						
3	Axial						
4	Helical						
5	Axial						
6	Helical						
7	Axial						
8	Helical						
9	Axial						
10	Helical						
11	Axial						
12	Helical						
13	Axial						
14	Helical						
15	Axial						
16	Helical						
17	Axial						
18	Helical						
19	Axial						
20	Helical						
21	Axial						
22	Helical						
23	Axial						
24	Helical						
25	Axial						
26	Helical						
27	Axial						
28	Helical						
29	Axial						
30	Helical						
31	Axial						

Axial and helical phantom acquisitions can be alternated every other day if desired. If either the mean CT number or the noise (standard deviation) is not within the Pass/Fail limit for 3 days in a row or 3 times within a 7-day period, corrective action should be taken by reporting the problem to service representatives for corrective repair. If any artifacts are observed, service must be contacted immediate to initiate corrective action.

Reviewed by: _____

Qualified Medical Physicist

Date of review

CT EQUIPMENT QUALITY CONTROL (Water Phantom)

Axial Baseline: _____

Helical Baseline: _____

Range: _____ to _____

Range: _____ to _____

Month: Day:	ROI ~ 400 mm ²	Water HU (-5 to 5)	Pass or Fail	Water SD ± 20%	Pass or Fail	Artifacts Y/N	Notes
1	Axial						
2	Helical						
3	Axial						
4	Helical						
5	Axial						
6	Helical						
7	Axial						
8	Helical						
9	Axial						
10	Helical						
11	Axial						
12	Helical						
13	Axial						
14	Helical						
15	Axial						
16	Helical						
17	Axial						
18	Helical						
19	Axial						
20	Helical						
21	Axial						
22	Helical						
23	Axial						
24	Helical						
25	Axial						
26	Helical						
27	Axial						
28	Helical						
29	Axial						
30	Helical						
31	Axial						

Axial and helical phantom acquisitions can be alternated every other day if desired. If either the mean CT number or the noise (standard deviation) is not within the Pass/Fail limit for 3 days in a row or 3 times within a 7-day period, corrective action should be taken by reporting the problem to service representatives for corrective repair. If any artifacts are observed, service must be contacted immediate to initiate corrective action.

Reviewed by: _____

Qualified Medical Physicist

Date of review

CT EQUIPMENT QUALITY CONTROL (Water Phantom)

Axial Baseline: _____

Helical Baseline: _____

Range: _____ to _____

Range: _____ to _____

Month: Day:	ROI ~ 400 mm ²	Water HU (-5 to 5)	Pass or Fail	Water SD ± 20%	Pass or Fail	Artifacts Y/N	Notes
1	Axial						
2	Helical						
3	Axial						
4	Helical						
5	Axial						
6	Helical						
7	Axial						
8	Helical						
9	Axial						
10	Helical						
11	Axial						
12	Helical						
13	Axial						
14	Helical						
15	Axial						
16	Helical						
17	Axial						
18	Helical						
19	Axial						
20	Helical						
21	Axial						
22	Helical						
23	Axial						
24	Helical						
25	Axial						
26	Helical						
27	Axial						
28	Helical						
29	Axial						
30	Helical						
31	Axial						

Axial and helical phantom acquisitions can be alternated every other day if desired. If either the mean CT number or the noise (standard deviation) is not within the Pass/Fail limit for 3 days in a row or 3 times within a 7-day period, corrective action should be taken by reporting the problem to service representatives for corrective repair. If any artifacts are observed, service must be contacted immediate to initiate corrective action.

Reviewed by: _____

Qualified Medical Physicist

Date of review