

Radioactive Material Safety Area Checklist

Building _____ Department _____ Room(s) _____ Contact Person _____

Inspection Performed by _____ Date: _____

Y N N/A

References

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Radiation Safety Laboratory Audit (10CFR20.1101 - Radiation Protection Programs)				
#	Description	Y	N	References
1	Room is authorized by Facility's Radioactive Materials License			NRC/State Radiation Control Department
2	Caution, Radioactive Material signs posted on entrance doors			10CFR20.1901
3	Equipment, containers, & storage areas properly labeled			10CFR20.1901
4	Emergency procedures posted (Operating and emergency procedures)			10CFR34.45 & 10CFR36.53
5	Posting of Notices to Workers			10CFR19.11
6	Waste Guidelines			10CFR20.2001-2008
7	Radioactive material secured			10CFR37.41 & 37.43; 10CFR20.1801
8	Appropriate shielding of radioactive materials			10CFR20
9	Radioactive material users have received initial training			29CFR1926.53
10	Radioactive material users have received refresher training			29CFR1926.53
11	Inventory records are maintained			10CFR37.101 & 103
12	Survey records are maintained for 3 years			10CFR20.2103
13	Survey instrument available			10CFR71.125
14	Survey instrument calibrated			10CFR20.1501(c)
15	Liquid Scintillation Counter calibrated annually			10CFR20.1501
16	Waste is properly labeled			10CFR20.1904
17	Waste is properly shielded			10CFR71.127 Handling, storage, and shipping control
18	Removable contamination surveys performed as required			10CFR20
19	Radiation level surveys performed at required frequency			Per RSC requirements
20	Radioactive materials users wear appropriate PPE			10CFR20.1703(RPP) & 29 CFR 1910.134; 29CFR1910.120
21	Fume hood functioning properly			10CFR20.1701
22	Individuals wear whole body TLDs as required			10CFR20.1501 & 1502
23	Individuals wear extremity TLDs as required			10CFR20.1501 & 1502
24	No evidence of eating, drinking, or applying cosmetics			NRC REGULATORY GUIDE 8.18; Prudent Practices in the Laboratory (published by National Academic Press, 2011: 5. C.2.2
25	No storage of food, drink, or personal effects in restricted area			Prudent Practices in the Laboratory (published by National Academic Press, 2011: 5. C.2.2; 29CFR19101.141(g)(2)
26	No radioactive contamination detected			10CFR36.59
27	Radiation levels less than 2 mR in any one hour			10CFR20.1201

Note:

Storage:10CFR20.1801/1802

Receiving Packages:10CFR20.1906

Regulatory cites-10CFR30;10CFR40;10CFR70..10CFR 1-1899 as applicable