

TRANSPPOSITION NOTE FOR THE IMPLEMENTATION OF THE MEDICAL EXPOSURES ASPECTS OF THE BASIC SAFETY STANDARDS DIRECTIVE 2013/59/EURATOM (BSSD)

The Department for Business, Energy and Industrial Strategy (BEIS) has overall responsibility for UK transposition of the BSSD. A number of government departments are implementing regulations to transpose various aspects of the BSSD relevant to each Department and each will complete a Transposition Note relating to the regulations they are implementing. The Department of Health is implementing the aspects of the BSSD relating to medical exposures in The Ionising Radiation (Medical Exposure) Regulations 2017 and thereby ensures safe use of radiological procedures such as medical imaging or radiological treatments.

The then Department of Energy and Climate Change (DECC) submitted Explanatory Memorandum 14450/11 on 19 October 2011 concerning a proposal for a Council Directive laying down basic safety standards for protection against the dangers arising from exposure to ionising radiation. Following some correspondence between the Committees and the Minister it was cleared by the Lords European Union Select Committee on 22 May 2013, and by the Commons European Scrutiny Select Committee on 2 July 2013.

Article of BSSD 2013 to be transposed by the Ionising Radiation (Medical Exposure) Regulations 2017	Objective of the article	Implementation in the Ionising Radiation (Medical Exposure) Regulations 2017
4	Definitions	Regulation 2(1)
4(42)	Definition of "individual detriment"	Regulation 11(6)
6.1(c)	Dose constraints for medical exposures	Regulation 6(5)(d) Regulation 12(4)(c) Schedule 2(g) Schedule 2(n)
6.2		Regulation 6(6)
18.1 paragraph 1	Education, information and training in the field of medical exposure	Regulation 6(3) Regulation 17(1)
18.1 paragraph 2		Schedule 3 Regulation 17(2)
18.2		Regulation 17(3)

Article of BSSD 2013 to be transposed by the Ionising Radiation (Medical Exposure) Regulations 2017	Objective of the article	Implementation in the Ionising Radiation (Medical Exposure) Regulations 2017
18.3		Regulation 6(3)
22.2(c)	Practices involving the deliberate exposure of humans for non-medical imaging purposes	Regulation 10(2)
22.3		Regulation 11(1)(e)
22.4(c)(i)		Regulation 3(f)
22.4(c)(ii)		Regulation 3(f) Schedule 2(m) Schedule 3
22.4(c)(iii)		Regulation 6(4)
28(a)	Licensing	Regulations 4 and 5 Schedule 1
55.1	Justification	Regulation 11(1)
55.2(b)		Regulation 11
55.2(d)		Regulation 10(5)
55.2(e)		Regulation 11(1)(d)
55.2(f)		Regulation 11(3)
55.2(g)		Regulation 11(3)(b)
55.2(h)		Regulation 11(3)(c)
56.1 paragraph 1	Optimisation	Regulation 12(1)
56.1 paragraph 2		Regulation 12(2)
56.2		Regulation 6(5)(c)
56.3(a)		Regulation 12(4)(a)
56.3(b)		Regulation 12(4)(b)
56.3(c)		Regulation 12(4)(c)
56.3(d)		Regulation 12(4)(d)

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56.4		Regulation 12(3)
56.5(a)		6(5)(d)(ii) Schedule 2, paragraph 1(n)
56.5(b)		Regulation 12(5) Schedule 2, paragraph 1(n)
56.6 paragraph 1		Regulation 12(7)
56.6 paragraph 2		Regulation 12(7)(c)
57.1(a)	Responsibilities	Regulation 10(2)
57.1(b)		Regulation 10(6) Regulation 12(1) Regulation 12(2) Regulation 12(3) Regulation 14(2)(d) Regulation 14(3)(a)
57.1(c)		Regulation 10(2) Regulation 10(5)
57.1(d)		Schedule 2, paragraph 1(i)
57.2		Regulation 10(3)
58(a)	Procedures	Regulation 6(4)
58(b)		Regulation 12(9) Schedule 2, paragraph 1(j)
58(c)		Regulation 6(5)
58(d)(i)		Regulation 14(2)(a)
58(d)(ii)		Regulation 14(2)(b)
58(d)(iii)		Regulation 14(2)(c)

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		Regulation 14(2)(d)	
58(e)		Regulation 7	
58(f)		Regulation 6(7)	
59	Training and recognition	Regulation 2(1) - definition of “medical physics expert” Regulation 17 Schedule 3	
60.1(a)	Equipment	Regulation 15(1)(a) Schedule 2, paragraph 1(d)	
60.1(b)		Regulation 15(1)(b) Regulation 15(2)	
60.1(c)		Regulation 15(1)(a) Schedule 2, paragraph 1(d)	
60.1(d)		Regulation 15(3)	
60.2		Regulation 15(6)	
60.3(a)		Regulation 15(4)	
60.3(b)		Regulation 16(2)	
60.3(c)		Regulation 16(3)	
60.3(d)		Regulation 15(5) Regulation 16(4)	
60.3(e)		Regulation 16(5)	
60.3(f)		Regulation 16(6)	
61.1(a)		Special practices	Regulation 12(8)(a)
61.1(b)			Regulation 12(8)(b)
61.1(c)	Regulation 12(8)(c)		

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61.1 paragraph 2		Regulation 12(3) Regulation 12(8) Regulation 15(1)(a)(i) Regulation 15(1)(a)(ii) Schedule 2 paragraph 1(d)
61.2		Regulation 6(3) Regulation 17(1) Schedule 3
62.1	Special protection during pregnancy and breastfeeding	Regulation 11(1)(f) Schedule 2, paragraph 1(c)
62.2		Regulation 11(3)(d)(i) Regulation 12(8)(d)
62.3		Regulation 11(3)(d)(ii) Regulation 12(8)(e)
62.4		Regulation 6(8)
63(a)	Accidental and unintended exposures	Regulation 6(1) Schedule 2, paragraph 1(k)
63(b)		Regulation 8(2)
63(c)		Regulation 8(3)
63(d)		Regulation 8(1) Schedule 2, paragraph 1(l)
63(e)(i)		Regulation 8(4)
63(e)(ii)		Regulation 8(4) (b)(iv)
63(f)		Regulation 9
64	Estimates of population dose	Regulation 13

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79.1(d)	Recognition of services and experts	Regulation 2(1) - definition of "medical physics expert" Regulation 14
83.1	Medical physics expert	Regulation 14
83.2(a)		Regulation 14(3)(a)
83.2(b)		Regulation 14(3)(b)
83.2(c)		Regulation 14(3)(c)
83.2(d)		Regulation 14(3)(d)
83.2(e)		Regulation 14(3)(e)
83.2(f)		Regulation 14(3)(f)
83.2(g)		Regulation 14(3)(g)
83.2(h)		Regulation 14(3)(h)
83(3)		Regulation 14(4)
105	Enforcement	Regulation 18