

Section C – DEMOLITIONS

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C.0 **Compliance with Materials and workmanship with the Building Regulations**

In order to demonstrate conformity with the Building Regulations (Part D; Materials and Workmanship), and with the Construction Products Regulation (Regulation (EU) No.305/2011) as set out in national rules for Ireland (S.I. no.225 of 2013), the contractor shall provide proof (a Declaration of Performance (DoP)) and (where applicable) a CE marking for all building products to be placed in the works.

The Contractor shall ensure that the product to be incorporated in the works, while complying with CPR, is fit for the use for which it is intended. The Contractor may be required to demonstrate this by means of manufacturer's confirmation, or independent testing certificate.

DEMOLITIONS (If Applicable)

C.1 **General**

Demolition work shall be carried out in accordance with BS 6187:2011 and in accordance with all statutory and Local Authority requirements. No demolition work shall be undertaken until a thorough investigation of the sections of the buildings (if any) to be demolished has been carried out and before the Architect and Quantity Surveyor have been informed in writing of the commencement date of demolition.

The Contractor shall ensure that he has adequate insurance cover for demolition work

All taking down shall be carried out in a careful and efficient manner and any taking down in excess of that shown on the drawings shall be made good together with any consequential work at the Contractors own expense.

Attention is drawn to "*Safe System of Work Plan (SSWP) Demolition (HSA)*"

C.2 **Plant**

The Contractor is to provide all requisite plant, scaffolding, drawing-in ways, gangways, planks, gantries, tarpaulins etc., for the proper protection and execution of the works.

C.3 **Surplus Materials**

Unless described as refixed, set aside for re-use, taken to store, stacked on site or similar expressions, all materials arising from the work shall become the property of the Contractor and allowance should be made by him in the "Value of Credits" column for their value. The Architect reserves the right to retain any or all of such materials not at present described as refixed, set aside for re-use, etc., and in such cases the Contractor will be reimbursed at the rates he has inserted in the "Value of Credits" column.

C.4 **Re-Use of Old Materials**

The Contractor shall be responsible for the care and protection of all materials described as for re-use, taken to store, etc., from the time of his taking possession of the site.

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Materials arising from the work which are not described as being for re-use may be used in the works only if the Architect's agreement is first obtained.

C.5 **Removal of Surplus Materials and Debris**

All items included under Demolitions and taking down shall include for the removal from site of all surplus materials and debris. All timber and associated materials which are affected by fungal decay or insect attack shall be cleared from the site immediately.

Removal of all waste removal from the site shall be carried out in accordance with Clause A34/430.

All demolition waste should be segregated and recycled where possible.

C.6 **Use of Explosives for demolition**

See Clause A34/310. Not permitted.

C.7 **Workforce**

Demolition work is to be executed only by competent workmen experienced in this type of work and all safety precautions necessary must be taken to avoid accidents and to safeguard persons.

Only workers fully trained and certified as such to use specialist plant and equipment.

C.8 **Stripping and Disposal of Asbestos Based Materials**

Where asbestos materials or asbestos products are to be taken down and removed the Contractor shall comply with the requirements of S.I. 386 of 2006: "Safety, Health and Welfare at Work (Exposure to Asbestos) Regulations 2006" and the Amendments made to said document in "S.I. 589 of 2010: Safety, Health and Welfare at Work (exposure to Asbestos) (Amendment) Regulations 2010."

Attention is drawn to ***"Asbestos-containing Materials (ACMs) in Workplaces - Practical Guidelines on ACM Management and Abatement (HSA).***

Removal of asbestos shall be carried out by an approved Specialist Contractor, who shall have insurance covering the risk of asbestosis. All waste shall be placed in sealed bags for **licensed disposal** (see Clause A34/430).

If during the execution of the works the Contractor uncovers asbestos materials or products not otherwise indicated in the Contract Documents he shall inform the Architect immediately and no further work shall be carried out in that area until instructions are received from the Architect.

C.9 **Shoring and Strutting**

The Contractor shall provide and maintain during the execution of the works all shoring, strutting, needling and other supports, and shall take all other precautions or adopt such other expedients as may be necessary to preserve the stability of the buildings, whether new or existing, the subject of this Contract, and of all other property including that of adjoining owners that may in any way be endangered or affected by the works required to be executed under this Contract.

The Contractor shall also protect all the same against damage and/or settlement, and no part of these protective measures shall be taken down or removed until all risk of damage and/or settlement is past.

All work involving risk of damage and/or settlement to the buildings is to be executed by the Contractor in such portions as will minimise risk as far as possible.

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Appendix A: List of References and Standards.

Item	Clause No.	Reference	Comment
1	C.1	BS 6187: 2011	Code of practice for full and partial demolition.
2	C.1	Safe System of Work Plan (SSWP) Demolition (HSA)	An easy-to-follow guide to the safe management of demolition works.
3	C.8	S.I. No. 386 of 2006: Safety, Health and Welfare at Work (Exposure to Asbestos) Regulations 2006. (HSA) S.I. No. 589 of 2010: Safety, Health and Welfare at Work (exposure to Asbestos) (Amendment) Regulations 2010.	S.I. No. 589 of 2010 does <u>not</u> supersede S.I. No. 386 of 2006, but does amend certain regulations within S.I. No. 386. Both documents may be cited together.
4	C.8	<i>"Asbestos-containing Materials (ACMs) in Workplaces - Practical Guidelines on ACM Management and Abatement"</i> (HSA).	Supersedes <i>"Guidelines on Working with Materials Containing Asbestos Cement."</i> (HSA) And the <i>"Safety with Asbestos information sheet"</i> (HSA).

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Appendix B: Amendments List	
Date of Amendments	Amendments
1/05/2014	This section was amended by Barry Sheils and approved by David Byrne Senior Architect, Fingal County Council.