

PART 1 – GENERAL

1.1 Content and objective of this section

- .1 The present section states the requirements concerning the management and removal of garbage for the present project. It concerns in part demolition and construction works. It must include at the source sorting programs, for certain demolition garbage and for construction garbage.
2. Building, refurbishing and demolishing generate a good quantity of residues that are generally buried. The present section is for contributing to the good management of our environment. The goal of the present is to reduce the volume of garbage to be buried and to recuperate some materials that could be reused elsewhere.

1.2 Definitions

- .1 Audit of garbage: The audit of garbage concerns the quantity of garbage that the works should generate. This verification assumes measurement and evaluation of the quantity, the composition and the origin of garbage produced and operational factors to their production.
- .2 Plan for reducing garbage: Written documents in which reduction, reuse and recycling opportunities are studied. The garbage reduction plan is based on data given by the garbage control sheet.
- .3 Audit of demolition garbage: Is applied to garbage generated by this work.
- .4 Sorting programs of material at the source: Sorting activities, on the site of reusable and recyclable garbage, so they may be classified in appropriate categories
- .5 Coordination for garbage management: A chosen person and working on the site. Other persons must be designated among the personnel of each subcontractor to ensure coordination of the management of garbage with the Coordinator.
- .6 Sorted garbage: Garbage already classified by type.

1.3 Use of premises and installations

- .1 Do the work without preventing normal use of premises.
- .2 Put in place provisory safety measures, approved by the Ministerial representative.

1.4 Sorting program for demolition materials

- .1 Prepare sorting program for demolition material before beginning works.
- .2 Following approved methods by the Ministerial representative and with his authorization, begin the sorting program of material to be recuperated for recycling.
- .3 On the site, anticipate necessary installations to collect, handle and transport projected quantities of recyclable garbage.
- .4 Material must be collected, handled and evacuated either at the sorting stage or to be sorted at an independent site. Recuperated materials must be transported towards approved installation and authorized for recycling.

CIMAISE
V/Réf. : A12-5.2.1
N/Réf : 09350-55

Management and removal of garbage

Section 01 74 19E
Page 2 de 4
March 31st 2013

- .5 Hold information and awareness meeting for workers that will be working on the site and give them written information on the procedure to be followed for recuperation.
- 1.5
Sorting program for construction
garbage, at the source
- .1 Prepare sorting program for construction residue prior to the beginning of work.
- .2 Following approved method by the Ministerial representative and with his authorization, begin sorting program at the source where all garbage is generated by the works.
- .3 On the site, anticipate necessary installation to collect, handle and stock projected quantities of reusable and or recyclable garbage.
- .4 Provide containers in which reusable and /or recyclable garbage will be put in.
- .5 Place containers in areas where it will be easy to deposit materials without causing a problem for other activities on the site.
- .6 Place sorted material in areas where they will be the least damaged and where they will be easily accessible.
- .7 Materials should be collected, handled and stocked on the site, then evacuated at the sorting stage. Recovered materials must be transported towards approved and authorized installations for recycling.
- .8 Hold information and awareness meeting for workers that will be working on the site and give them written information concerning the procedure to be followed for recuperation.
- 1.6
Internet links on garbage
treatment
- .1 <http://www.mddep.gouv.qc.ca/matieres/valorisation.htm#debris>
Available documentations:
- Information sheet : « *Construction residue, renovation and demolition* »
- *Information guide on recycling of dry materials.*
- .2 <http://www.3rmcdq.qc.ca/>
- .3 <http://www.usgbc.org/>
- .4 <http://www.recyc-quebec.gouv.qc.ca>
- .5 <http://www.cca-acc.com>
- 1.7
Removal of garbage
- .1 It is forbidden to bury debris and garbage on the site.
- .2 It is forbidden to throw garbage, mineral essences, oil, paint thinner in water ways, sanitary and rain sewers.

CIMAISE	Management and removal of garbage	Section 01 74 19E
V/Réf. : A12-5.2.1		Page 3 de 4
N/Réf : 09350-55		March 31st 2013

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| 1.8
Stoking, Handling and
protection of materials | .1 | Stock, in designated areas on the site, material intended to be reused, recycled or recuperated. |
| | .2 | If not stated otherwise, materials that must be disposed of, become the property of the contractor. |
| | .3 | Protect, pile up, stock and list all components to be recuperated. |
| | .4 | Separate non recoverable components from recoverable ones. Transport and deliver non recoverable components to authorized elimination installation. |
| | .5 | Support all work affected by the works. Should the safety of the building become compromised, stop work and inform the Ministerial representative immediately. |
| | .6 | Protect superficial water evacuation works and all electrical and mechanical installations to prevent damage or blockage. |
| 1.9
Work schedule | .1 | Coordinate management of garbage with other activities to ensure the good order of the works. |

PART 2 – PRODUCTS

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| 2.1
Without object | .1 | Without object |
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PART 3 – WORK

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| 3.1
General | .1 | Do work as per garbage sorting program. |
| | .2 | Handle as per pertinent codes and regulations for garbage that are not reusable, recoverable and or recyclable. |
| 3.2
Cleaning | .1 | Once work is done, remove all tools and garbage. Leave premises clean and in good order. |
| | .2 | Clean work areas as work progresses. |
| | .3 | Sort, at the source, all material that must be reused/recycled and place them in designated areas. |
| 3.3
Recovering material and
to be sent to recovering sites | .1 | Sort materials from the general flow of garbage. Pile them in separate piles or in distinct containers, with the approbation of the Ministerial representative and as per pertinent regulations for fire safety. Identify containers and areas for piling. Provide instructions concerning removal practices. |
| | .2 | It is forbidden to sale recovered material on site. |
| | .3 | <u>Demolition materials:</u> The following materials must be recovered and brought to recovering sites for crushing or other possible recovering.

Steel (structure and other steel components), masonry (brick and stone), concrete , asphalt and bituminous concrete , furniture , acoustical tile . |

CIMAISE

Management and removal of garbage

Section 01 74 19E

V/Réf. : A12-5.2.1

Page 4 de 4

N/Réf : 09350-55

March 31st 2013

- .4 **Construction materials** : The following residue material must be sorted, place in separate containers and transported to salvage sites for recovery:
Steel (structure and other steel components), **masonry** (brick and stone), **gypsum and wood**.

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