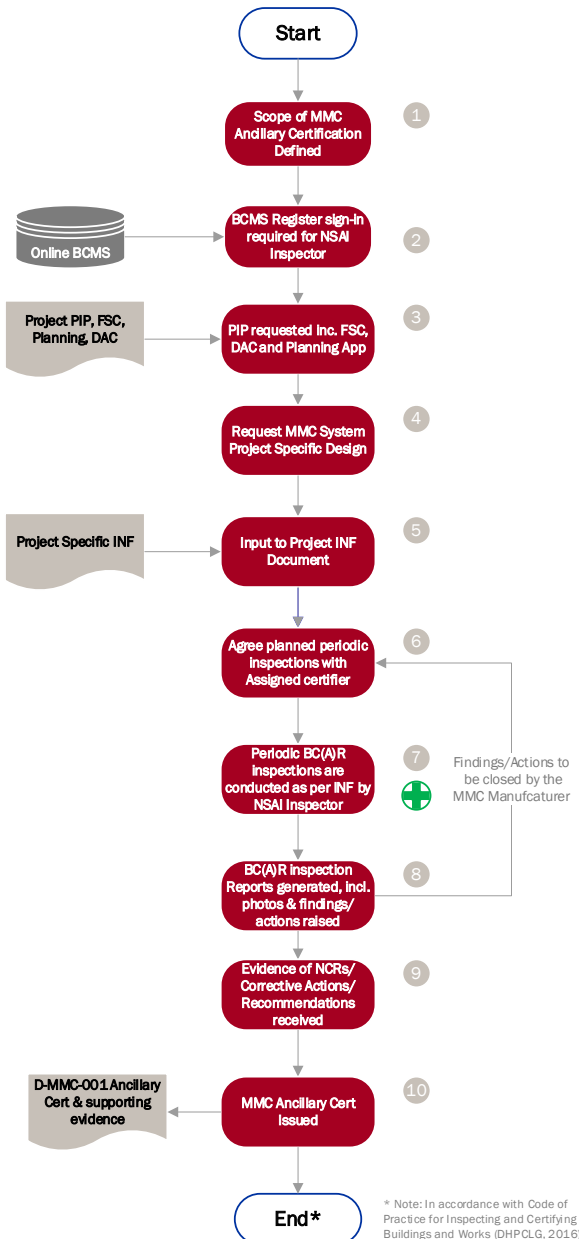


BC(A)R 2014 Ancillary Certification Process Flowchart



Key Process Steps:

1. MMC Manufacturer, Assigned Certifier or other party contracts NSAI to provide Ancillary Certification for the MMC element of a Building project.
2. BCMS Register sign-in required for the following Roles as per their statutory undertaking under BC(A)R S.I. 9 (2014) i.e.
 - Client Appointments as required
 - Assigned certifier role
 - Design certifier role
 - Builder certifier role
 - **Ancillary cert** (Statutory & Non-Statutory, Sd, Si, Sc)

NSAI provide non-statutory ancillary certification in relation to the inspection of MMC system installation.
3. Preliminary Inspection Plan (PIP) requested by NSAI from the Assigned Certifier, including a copy of the Planning Application and approved Fire Safety Certificate (FSC), developed by the Fire Engineers / Consultant & Disability Access Cert (DAC).
4. NSAI request drawings, calculations and details of the design of the MMC System element of the works and details of their QA/QC processes in factory and for site installation & assembly procedures from the Offsite Manufacturer as appointed.
5. The INF should be prepared: in conjunction with the Inspection Plan; in consultation with those providing Ancillary Certificates; and, before the commencement of work on site. As a party to the contract, NSAI input to the project Inspection Notification Framework (INF), as per Section 4.2.2 And 7.3 of Code of Practice for Inspecting & Certifying Buildings and Works – Sept 2016, will be undertaken by NSAI, where appointed as Ancillary Certifier.
6. NSAI agree with the Assigned Certifier (& incl. Design Certifier) beforehand the planned or periodic Building Regulation inspections offsite and On-site, versus the INF and Applicable To the current TGDs Parts A-M.
7. BC(A)R 2014 Off-site and On-site inspections performed by competent NSAI personnel, experienced in this type of works. NSAI Certification and Inspection Officer/s appointed by Head of MMC Certification.
8. Periodic BC(A)R 2014 inspection reports issued out, with findings / action items raised, incl. photographic evidence (where possible) to the relevant parties; the appointing party, the Assigned Certifier, Design Certifier and/or Builder Certifier for action and close-out.
9. Seek evidence of action and close-out any Non Conformances, Defective works or Corrective Actions / Recommendations, as identified in the BC(A)R 2014 Inspection reports, where applicable to the Scope of Works / TGDs Parts A-M and generated by NSAI.
10. MMC Manufacturer collates all required Design &/ or Inspection Certificates, drawings, reports and CE marking documents to support the certification prior to formal issue of ancillary certificate to the Assigned Certifier / Client. BCMS updated By Ancillary Certifier with **Ancillary Certificate number**, As generated by NSAI as accepted.

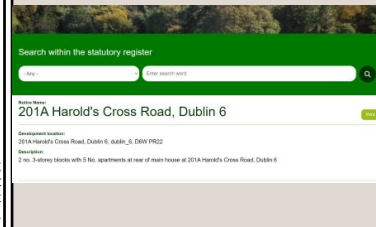
Roles and Responsibilities:

System Owner: Head of MMC Certification

Responsibilities

Head of MMC Certification (or their appointed delegate):

- Define and clearly communicate the scope of the MMC Ancillary Certification scope of the BCAR 2014 requirements for the project, with the MMC Manufacturer/ MMC stakeholder.
- Read and fully understand the Project BC(A)R 2014 requirements for the project, including requesting a copy of the Preliminary Inspection Plan (PIP) and/or Inspection Notification Framework (INF) documents, prior to appointing an Ancillary Inspector.
- Ensure the Ancillary Inspector assigned has the relevant experience and competence to undertake the inspections
- Ensure the NSAI Ancillary Certificate and any required supporting evidence is compiled and formally issued to the Assigned Certifier and/or client.



NSAI MMC Inspection Officer:

- Understand the Building Regulations (Parts related to the project) as applicable to the project scope of works.
- Request a copy of the Fire Safety Certificate (FSC), Preliminary Inspection Plan (PIP) and Inspection Notification Framework (INF) for the project.
- Request and review the design drawings, calculations and details for the MMC element of the works.
- Review the BCMS (Building Control Management System) online at: <https://www.nbco.local.gov.ie/>
- Ensure in-process Quality Control (QC) i.e. workmanship & material checks are performed, during the Manufacture and installation phases by the MMC Manufacturer.
- Review any MMC manufacturer or their subcontractor works, while Off-site and On-site.
- Ensure valid CE Marking certificates for hEN standard construction products, as applicable are provided on request. CE Marking certificates Must be valid to current EU Directives, as applicable
- Review QC and Handover documentation for MMC system and its install.
- Generate Reports after each inspection and outline non-conformances, action items or improvements identified, as defined in the Preliminary Inspection Plan (PIP) and/or Inspection Notification Framework (INF) documents and the planned Construction programme / sequence, including defined milestones.
- Review Test documentation, as per the project Inspection & Test Plan (ITP), as compiled by the MMC Manufacturer.
- Create a D-MMC-001 MMC Ancillary Certification certificate on completion of inspections and satisfactory closing of non-conformances, findings and information requests. Formally transmit the completed BC(A)R 2014 Ancillary cert and any agreed supporting evidence to the Assigned Certifier &/or Client, as requested, per the agreed INF.

Related Standards:

- S.I. 9 – Statutory Instrument 9 (2014) – as issued on 1st March 2014 under the Building Control (Amendment) Regulations i.e. BC(A)R 2014
- Building Code of Practice
- Building Control Act 1990
- Building Control Act 1997
- Building Control Regulations 1997 to 2024 Technical Guidance Documents (TGDs) Parts A – M, inclusive.
- EU Directive - Construction Products Regulations (CPR) EU/305/2011 (formerly the Construction Products Directive)
- EN 1090-1:2009 + A1:2011 standard – Execution of steel structures and aluminum structures. Requirements for conformity assessment of structural components.

Related Forms:

- D—MMC-001 Ancillary Certificate - Modular Construction

Legal Requirements:

- Irish Standards (I.S.)
- European Norms (EN) Standards
- Eurocodes (construction)
- Building Regulations (per jurisdiction)
- Technical Guidance Documents (TGDs)
- Safe Electric Ireland registered
- Safe Electric QC Certifiers
- Registered Gas Installers Ireland (RGII)

Related Documents:

- Code of Practice for Inspecting and Certifying Buildings and Works (Building Regulations 1997-2015), Sept 2016
- Building Control Acts 1990 – 2024
- Building Control (Amendment) Regulations 2014 - S.I. 9 (2014)
- Regulation of Providers of Building Works and Miscellaneous Provisions Act 2022 – S.I. 15 (2022)
- Voluntary Construction Register (VCR) Ref: <https://www.voluntaryconstructionregister.ie/about-ciri/>

Legend:

