

IBCI 30th March 2022

Public Sector Reform Oversight Group (PSROG).



NBC&MSO Building Control





Market Surveillance of Construction Products

[2021/22 Programme Overview]

An Oifig Náisiúnta um Rialú Foirgníochta

Website: www.nbco.localgov.ie

Twitter: oNBCOIreland

YouTube: NBCO DCC

Data Portal: https://data.nbco.gov.ie/

Mairéad Phelan

BE, CEng, FIEI, MBA, D.Law, PGGov.

Head of National Building Control &

Market Surveillance Office

National Building Control and Market Surveillance Office: Background

2019 <u>saw Dublin City Council(DCC)</u> <u>become the lead local authority for the *National Building Control Office*</u>, which provides oversight, support and direction for the development, standardisation and implementation of Building Control (<u>Building Control Acts 1990-2014</u>) in the 31 Building Control Authorities.

2020 saw DCC become the lead local authority for the *National Market Surveillance Office*, which provides oversight, support and direction for the development, standardisation and implementation of Market Surveillance for Construction Products (<u>Construction Products Regulations EU 305/2011</u> (<u>S.I. No. 225 of 2013</u> and <u>S.I. 682 of 2020</u>)) in the 31 Market Surveillance Authorities under the regulations.

31 Building Control Authorities are designated Market Surveillance Authorities under the Regulations

Regulators for the:

The Building Control Acts 1990-2014

Regulate design & construction of all buildings & works in Ireland, providing for the health and safety of people in or about buildings, access for all, the conservation of fuel and energy and promotion of good building practice i.e.

SAFE, ACCESSIBLE, SUSTAINABLE BUILDINGS.]

EU Energy Performance in Buildings Regulations S.I. 243 of 2012.

[Promotes the improvement of energy performance of buildings with the adoption of a methodology for calculating this. Provision of building energy certification for <u>all new buildings</u> and <u>existing buildings undergoing major renovation</u> and <u>building offered for sale or rent</u>. Public "Display of energy performance certificates" for buildings 500 m2. Independent <u>lists of accredited experts</u> for <u>energy performance certification</u> of buildings and <u>the inspection of heating systems and air-conditioning systems</u>. Enforcement through penalties by Building

Regulators for the:

[The "Construction Products Regulation"

EU 305 of 2011, prescribes BASIC REQUIREMENTS FOR

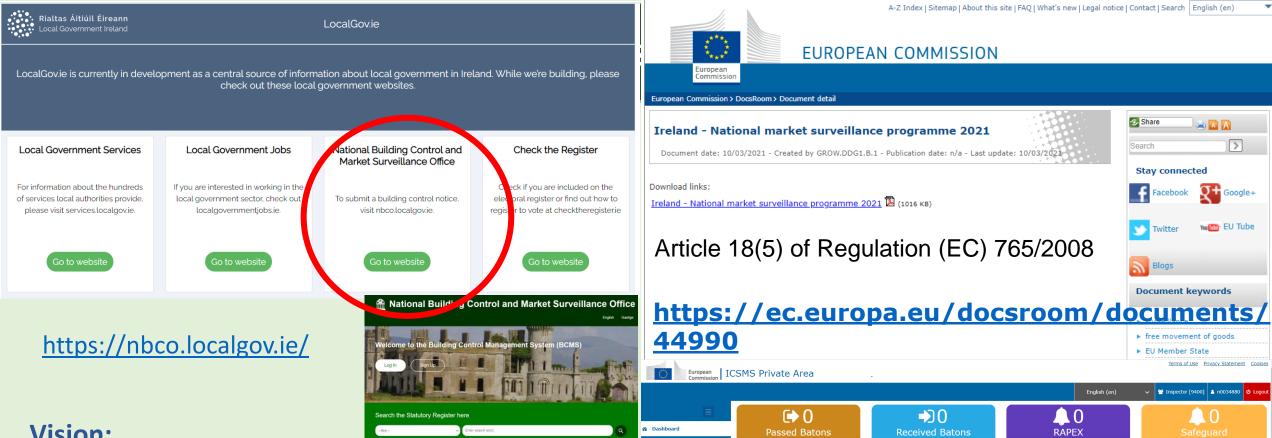
CONSTRUCTION WORKS i.e.,

Construction works as a whole and in their separate parts must be fit for their intended use, considering in particular the health and safety of persons involved throughout the life cycle of the works. Subject to normal maintenance, construction works must satisfy these basic requirements for construction works for an economically reasonable working life."]

Control Authorities, SEAI, NSAI]

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National Building Control & Market Surveillance Office



Vision:

"Promote a Culture of Compliance with the Building and Construction Products Regulations in an industry marked by rapid changes in technology and processes."

High quality, built environment "construction" at the heart of public service to support the ambitious and visionary Project Ireland 2040, having regard to the United Nations sustainable development goals, action plan for jobs and world bank doing business.

WHAT IS THE BUILDING CONTROL LEGISLATION FRAMEWORK?

EU (Construction Products) (S.I. No. 225 of 2013) S.I. No. 682 of 2020

> (EU) No. 305/2011 **Market Surveillance**

Guidelines for Market Surveillance Authorities-V1 0- June 2016

EU (Energy Performance of Buildings) (S.I. No. 243 of 2012)

BUILDING CONTROL ACTS 1990 – 2014

Establishment of Building Control Authorities Making of Building Regulations Dispensations / Relaxations Making of Building Control Regulations Appeals

Enforcement Notices

Powers of Inspections by Authorised Persons Materials Prohibition, Documents, Offences, Penalties, **Professional Registration**

Local Government Reform Act 2014

Framework for Building Control Authorities 2016

> Administrative **Requirements of Buildings**

BUILDING CONTROL REGULATIONS

Exemptions

Notices-Commencement / 7 Day Notices Applications-Fire Safety/Disability Access Certificates Certificates of Compliance before Construction & on Completion Statutory Register, Fees, Appeals

Code of Practice for Inspecting and Certifying Works 2016

BUILDING REGULATIONS

12 Parts A-M

Applications – Dispensation from / Relaxation

Technical Guidance Documents

Parts A-M

Design Requirements of Buildings

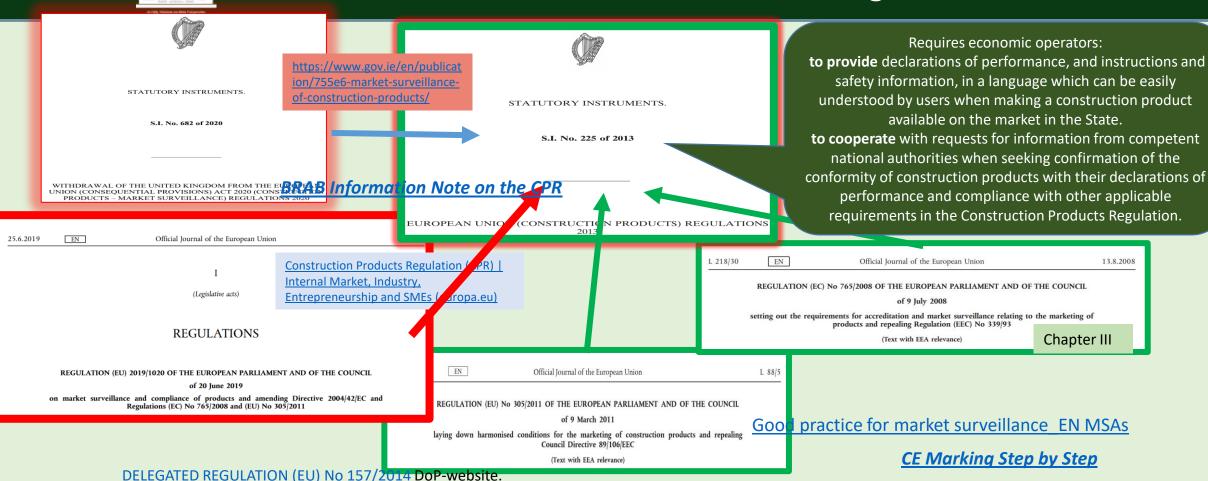
31 BUILDING CONTROL AUTHORITIES INSPECTING FOR COMPLIANCE WITH REGULATIONS

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Market Surveillance Legislative Framework Construction Products & Market Surveillance Legislative Framework



DELEGATED REGULATION (EU) No 157/2014 DoP-website.

DELEGATED REGULATION (EU) No 574/2014 of 21 February

2014 amending Annex III -drawing up a DoP.

Risk assessment. Market surveillance, construction products

DO1 Guidelines for Market Surveillance Authorities-V1 0- June 2016

[Note, its predecessor was the Construction Products Directive (89/106/EEC - CPD)]

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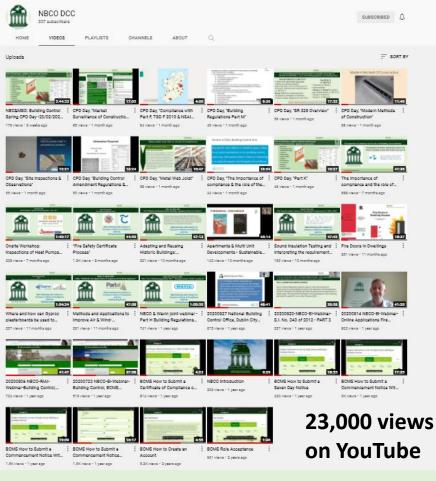
National Building Control & Market Surveillance Office

"The best time to plant a tree was 20 years ago. The second-best time is now."

2021/22 Education & Training Programme

2021 Webinars series- Q1/Q2/Q3/Q4 of 2021 (ref Compliance Support report) NBCO DCC YouTube Channel Subscribe					
Date	Description	No of Attendees			
14th January 2021	"BCMS Online Applications Demo"; Colin Barden Senior Assistant Chief Fire Officer Wexford Co Co.	60			
4 th February 2021	"Modern Technologies for Fire and CO detection in residential premises to comply with building regulations" El Electronics,	168			
25 th Feb. 2021	"Part H Buildings Regulations 2010 – Drainage Systems: BCAR Compliance" Wavin Ireland.	115			
11 th March 2021	"Heat Pumps – Domestic Installations" "Onsite Workshop: Inspections of Heat Pumps (Part J, D & L)" YouTube Video Link	10			
25 th March 2021	"Where & How Gyproc plasterboards be used to comply with Building Regulation" Gyroc & Isover Ireland.	82			
1st April 2021	"Methods and Applications to improve Air & Wind tightness" Partel Ltd.	75			
1st April 2021	Fire Doors in Dwellings" (Svetlana Zavadska) Part B Building Control Guidance,	-			
6 th May 2021	"Sound Insulation Testing and interpreting the requirement of TGD-E, 2014" ICAN Acoustics.	70			
15 th May 2021	"Adaptina and Reusina Historic Buildinas: Leaislation, Policy and Guidance" Jacqui Donnelly FRAI Conservation Architect DHLGH, 98 attendees.	98			
23 rd June 2021	"Building Control (Amendment) Regulations & Fire Safety Certificates" Martin Moore, Tipperary Co	76			
29th of July 2021	"The importance of compliance & the role of the Building Control Authority" Pat Nestor, Head of Building Control Dublin City Council.	124			
3 rd September 2021	"Guidelines for Market Surveillance" National Building Control Office Jennifer McGuinn, Joe Carton & Peter O Sullivan, https://www.eventbrite.ie/e/guidelines-for-market-surveillance-tickets-168615971911?aff=ebdsoporgprofile	8 6			
15 th September 2021	CIOB in conjunction with Engineers Ireland Thomond Region. "Building Control, Notices, Applications and Certificates compliance challenges" Mairéad Phelan	160			
10 th of November	SEAI "Heat Pumps" "Heating and Domestic Hot Water Systems for Dwellings – Achieving compliance with Part L & Energy Performance of Buildings, Paul Martin, CEng FCIBSE, is Programme Manager – Technical Standards Development, Sustainable Energy Authority of Ireland.	120			
17 th of November	"European Union (Energy Performance of Buildings) Regulations 2021 (S.I. No. 393 of 2021)"; "Part L EV Charging Points", Edel Murray MRIAI, Advisor- Building Standards, Department of Housing, Local Government and Heritage.	100			





https://www.youtube.com/channel/UCCCjy80kctZ34oujewzgKEA/videos

- 1. NBC&MSO: Building Control Spring CPD Day -23/02/2022- Hybrid Event-Full day recording https://www.youtube.com/watch?v=UzsGPAbghrc&t=910s
- 2. NBC&MSO Building Control Summer Part L & F CPD 5th May 2021
- 3. NBC&MSO Building Control Autumn Part B CPD TBA September/October

Assistance in Ensuring Conformance to the Regulations.

COMPLIANCE SUPPORT,



Frequently Asked Questions-FAQ's

Download here >

NBCMP Frequently Asked Questions Categories **Building Regulations – Technical/Design** Requirements of Buildings **Building Control Legislation** narking of construction product

Framework for

Review 2022

Framework **Building Control Authorities**



Framework for Building Control Authorities

Download here >



National Building Control Management Project Newsletters >

- NBCO Newsletter Q1 2019
- NBCO Newsletter Q2 2019
- NBCO Newsletter Q3 2019
- NBCO Newsletter Q4 2019
- 20200131 BC Interpretations and Definitions D02
- MBCO Newsletter Q1 2020
- 20200130 CS NBCMP TGD J Note Guidance Heat Producing Appliances 2014
- 20200225 CS NBCMP TGD B Note Guidance Photovoltaic Panels on Dwellings
- 20200228 CS NBCMP TGD F Note Guidance Ventilation System Independently Tested
- 📶 20200323 CS NBCMP TGD B Note 2020 Recent Changes to Part B and TGD B 2006 of Building Regulations
- 20200423 CS NBCMP Note Assigned Certifier Requirement for Inspections
- MBCO Newsletter Q2 2020
- 20200512 CS NBCMP Part F Note Condensation in roofs
- NBCO Newsletter Q3 2020
- NBCO Newsletter Q4 2020
- NBCO Newsletter Q1 2021
- d Compliance Challenges 20210406 Building Regulatory Compliance Parts A-C-D-H-L-M and Level Access disconnection
- NBC & MSO Newsletter Q2 2021
- MBC & MSO Newsletter Q3 2021

 NBC & MSO Newsletter Q4 2021

 NBC & MSO Newsletter Q5 2021

 NBC Newsletter
- NBC & MSO Newsletter Q4 2021
- Guidelines for Market Surveillance Authorities 2016

PDF icon Guidelines for Market Surveillance **Authorities 2016**

Review 2022

Version 1.1 June 2016 Jan. 2022 Feb. 2022 2021 **Stakeholder Queries -Freshdesk** CRM stakeholder queries Freshdesk – closed cases i.e. phone, info@localgov.ie & support@nbco.gov.ie 5,733 367 747

Guidelines for Market Surveillance **Authorities**

Prepared by: NBCMP -Compliance



20190412-Inspection WG -Programm Protocol-Methodology- Recording -F	_					Actual Number Inspected.	% Number Inspected.			
All Street Beyond Inc., Street Andrews Company of the Company of t				New	,	Q1, Q2, Q3 &	Q1, Q2, Q3			
Paying Attention to the Wrong Thing!			Local Authority	Building	15%	Q4	& Q4			
It's easy to blame the iceberg in the Titani	c_ 🔼	JACK MINICE TO THE THREE TO THE THREE TH	Carlow County Council Cavan County Council	299 342	45 51	52 30	17% 9%			
			Clare County Council	446	67	45	10%			
job is not to blame but to prepare!	Name of State of Stat	LGMA Section of the COMA	Cork City Council	723	108	178	25%			
2021/22 Inchestions	N	OAC	Cork County Council	2009	301	341	17%			
2021/22 Inspections			Donegal County Council	607	91	88	14%			
Inspections for Compliance with Regulations			Dublin City Council	366	55	244	67%			
	2020	2021	Dun Laoghaire County	803	120	701	87%			
1 st January to End December			Fingal County Council	1437	216	83	6%			
Number of Inspections, prior to commencement of			Galway City Council	240	36	73	30%			
·	1,772	6,818	Galway County Council Kerry County Council	1024 484	154 73	168 16	16% 3%			
work(desktop)	,	,	Kildare County Council	2338	351	1164	50%			
Number of CNs where plans, specifications, or			Kilkenny County Council	466	70	115	25%			
	1 02/	2 207	Laois County Council	556	83	135	24%			
other compliance documents were requested.	1,034	1,034	1,034	1,034	2,307	Leitrim County Council	55	8	23	42%
BCA1990-2014 Section11(3) requests			Limerick City & County	740	111	118	16%			
Number of Inspections of buildings in progress			Longford County Council	100	15	21	21%			
	15.008	28,700	Louth County Council	652	98	68	10%			
(onsite)			Mayo County Council	498	75	100	20%			
Number of Inspections (other)- e.g. Part G			Meath County Council Monaghan County Council	1966 284	295 43	1304 84	66% 30%			
	1,072	789	Offaly County Council	539	81	94	17%			
(Hygiene), J (Flues), H (Drainage/Wastewater)	,		Roscommon County	206	31	28	14%			
Number of buildings & dwellings (new/existing)			Sligo County Council	242	36	53	22%			
			South Dublin County	1248	187	96	8%			
where a Building Energy Rating (BER) Certificate	10 064	20,437	Tipperary County Council	432	65	313	72%			
was sought and/or checked by the Building Control	10,004		Waterford City & County	629	94	146	23%			
,			Westmeath County Council	405	61	51 ₈	13%			
Authority (BCA)			Wexford County Council	1025	154	470	46%			

BCMS 2.0–EU -e-tender published on EU tenders 12th February 2022.

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https://irl.eu-supply.com/ctm/Supplier/PublicPurchase/207219/0/0?returnUrl=&b=ETENDERS_SIMPLE

https://nbco.localgov.ie/ Building Control Management System (BCMS) S.I. 9 of 2014 Administration of Building Control in Ireland



Commencement Notice Type – 1 st January 2021/2022 – End	Totals for 2021	January 2022	February 2022	
CN with Compliance Documentation	3,441	269	565	
CN Without Compliance Documentation	2,514	160	369	
7 Day Notice	1,041	65	170	
Commencement Notice (CN) with Opt Out Declaration	7,081	377	956	
Total Commencement Notices All types	14,077	871	2060	
From Inception (2014) End				
Customers-Registered users	145,131	146,440	147,821	
Compliance Documents	2,173,851	2,211,639	2,253,161	
Certificate of Compliance of Completion	35,024	35,648	35,892	
Application Type - Valid/Invalid -				
Fire Safety Certificates FSC, FSC-Revised, FSC-Regularisation	629	89	316	
Disability Access Certificates DAC, DAC-Revised	304	34	191	
Dispensation / Relaxation	18	3	10	
Application Type - RI/FI/TA 1 st				
Fire Safety Certificates FSC, FSC-Revised, FSC-Regularisation	85	56	91	
Disability Access Certificates DAC, DAC-Revised	92	24	48	
Dispensation / Relaxation	9	0	1	
Application Type - Granted/Refused/Granted with Conditions				
Fire Safety Certificates FSC, FSC-Revised, FSC-Regularisation	2,873	76	107	
Disability Access Certificates DAC, DAC-Revised	2,311	75	111	
Dispensation from / Relaxation of a requirement of Building Regulations	98	7	7	
Total Application All Types	5,282	158	255	



Compliance Challenges

NBCMP

National Building Control Management Project



Frequently Asked Questions Categories

<u>Building Control Regulations –</u>
<u>Administration of Building Control</u>

Building Regulations – Technical/Design Requirements of Buildings

Building Control Legislation

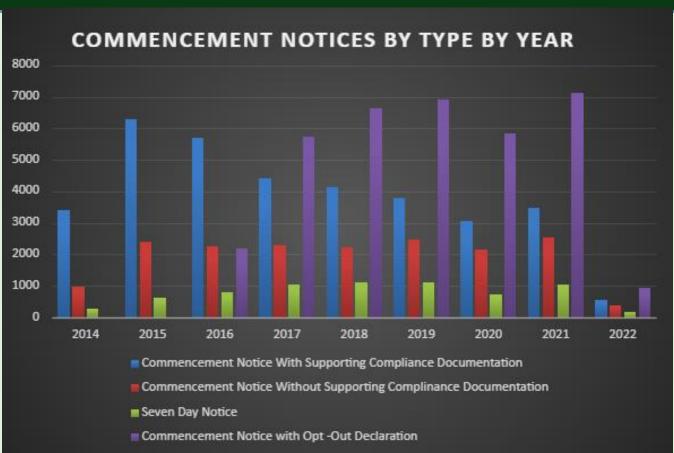
<u>Construction Product Regulations – EU CE</u> <u>marking of construction products</u>

Janus

"You can't really understand what is going on now until you understand what came before." — Steve Jobs

- STATUTORY INSTRUMENTS. S.I. No. 365 of
- Amendment of Article 21 of the Principal Regulations
- (b) by inserting after Article 21(1)(h).—
- "(i) any Declaration of Intention to <u>Opt</u> <u>Out</u> of Statutory Certification submitted in accordance with Article 9(5)."
- Must still collate ancillary certification design, DoPs, inspections etc.
- Recommend refer to CoP for inspection and Certifying buildings & Works
- Term Opt Out unfortunate/misleading!





Consequences!

Building Control Act 1990-2014 Section 11 Powers of inspection by authorised persons.

- "(3) Any authorised person may— (a) inspect any building—..."
- 1. What are the consequences of not meeting target inspections?. None!!
- 2. What are meaningful inspections?

		Actual Number Inspected.		% Number Inspected.	
	Local Authority	New Building	15%	Q1, Q2, Q3 & Q4	Q1, Q2, Q3 & Q4
	Carlow County Council	299	45	52	17%
	Cavan County Council	342	51	30	9%
	Clare County Council	446	67	45	10%
	Cork City Council	723	108	178	25%
_	Cork County Council	2009	301	341	17%
	Donegal County Council	607	91	88	14%
	Dublin City Council	366	55	244	67%
	Dun Laoghaire County	803	120	701	87%
	Fingal County Council	1437	216	83	6%
)	Galway City Council	240	36	73	30%
	Galway County Council	1024	154	168	16%
	Kerry County Council	484	73	16	3%
	Kildare County Council	2338	351	1164	50%
	Kilkenny County Council	466	70	115	25%
	Laois County Council	556	83	135	24%
	Leitrim County Council	55	8	23	42%
	Limerick City & County	740	111	118	16%
	Longford County Council	100	15	21	21%
	Louth County Council	652	98	68	10%
	Mayo County Council	498	75	100	20%
5	Meath County Council	1966	295	1304	66%
	Monaghan County Council	284	43	84	30%
	Offaly County Council	539	81	94	17%
	Roscommon County	206	31	28	14%
	Sligo County Council	242	36	53	22%
	South Dublin County	1248	187	96	8%
	Tipperary County Council	432	65	313	72%
	Waterford City & County	629	94	146	23%
	Westmeath County Council	405	61	51	13%
	Wexford County Council	1025	154	470	₁₂ 46%
	Wicklow County Council	1029	154	393	38%
	Tatal	22.400	2 220	C 70F	

Modular Homes (largely built off site in modules MMC)- Fit for Purpose (Compliance with Parts A-M of the Building Regulations)

The Big issue is the Gap between:

Off-Site Site Manufacturing- (OSM) and On-Site Construction (OSC)

Proper Site Management-low tolerance allowances!

Part D of the Building Regulations and Construction Regulations.

- 1. How is Building Regulatory compliance demonstrated?
- 2. Are Modular Homes <u>designed</u> to be "Fit for Purpose"?
- 3. Are Modular Homes <u>constructed</u> to be "Fit for Purpose"?
- 4. Is the Commencement Notice with Declaration of Intention to Opt Out of Statutory Certification fit for purpose here? –recommend BCAs demand compliance certification



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Agrément Certificates (Fit for Purpose!) What does having an Agrément Certificate Mean?

Look Ms Building Control Officer. I have a Cert, It's an Agrément Certificate and it says my Building Complies with the Building Regulations

uasion

TON BY HAMZA YUSUF

Everybody

Really! Is your building fit for purpose in this location for 50/60 years? Did a professional check the design? Are you a competent builder? Was the construction properly supervised by a competent person? Have you actually Read the Cert!



Must Read the Agrément Certificate Does it state Ireland?

Is there a requirement for a Chartered **Structural Engineer?**



NSAI Agrément is responsible for Agrément assessment and certification. Formerly the Irish Agrément Board (IAB), it now operates as part of NSAI (National Standards Authority of Ireland). NSAI Agrément issue technical

Agrément certification is designed specifically for new building materials, products and processes that do not yet have a long history of use and for which published national standards do not yet exist. NSAI Agrément assesses, specifies testing, and and where appropriate, issues Agrément certificates for such products.

What is the Procedure for Certifying a New Product?

- We essess the product to ensure that it conforms to the TAS. This might include laboratory testing, on-sit-
- . We publish the Certificate on the NSAI website

How is the Assessment Carried Out?

construction standards across a range of measures such as

- The Agrément Certificates we publish are in accordance with the Irish Building Regulations and the rules of







- + Agrément Registered
- → Certified Air Tightness Teste
- → Thermal Modellers Schem
- → WEP (Window Energy Performance) Scheme
- → Ventilation Validation
- Registration Scheme → Certification in Moder
- Methods of Construction

Fire Safety Certificates (Fit for Purpose!) What does having a Fire Safety Certificate Mean?

sory Letter

Look Ms Building Control Officer, I have my Fire Safety Cert, so you have to validate my Certificate of Compliance on Completion!

Really! This Building must be good for 50/60 years.

Is your building Part B compliant.? Did a professional check that the construction is in accordance with the design? Are you a competent builder? Was the construction properly supervised by a competent person? Have you actually Read the Cert! Have you complied with the cert conditions?

3 hereby certify that the works or building to which the

f Persuasion ctoric for Everybody F. CRIDER

INTRODUCTION BY HAMZA YUSUF

Application teleges, will. If constructed in accordance with the plants, calculations specifications and Particulars submitted comply with the requirements of Part B of the Second Schedule to the Indiana. In considering the application, no assessment has been trade as to whether the works or thritting with considering the application, no assessment has been trade as to whether the works or thritting with considering the application. Comply with the other requirements of the Second Schedule to the Britishings Regularious 1907 to 2 hours. Regulations 1997 to 2019.

How common are fire safety issues in Irish

Q&A: St James's Wood is far from the only development with serious fire safety issues



Comply with the Conditions

National Building Control & Market Surveilland

Disability Access Certificates (Fit for Purpose!) What does having a Disability Access Certificate Mean

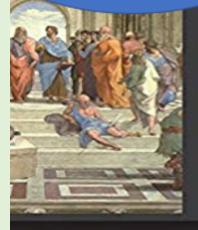
risory Letter

Look Ms Building Control Officer. I have my Disability Access Cert, so you have to validate my Certificate of Compliance on Completion! Really! This Building must be good for 50/60

Is your building Part M compliant.? Did a professional check that the construction is in accordance with the design? Are you a competent builder? Was the construction properly supervised by a competent person?

Have you actually Read the Cert! Have you complied with the cert conditions?

Lack of 'wheelchair liveable' housing due to building regulations, committee told



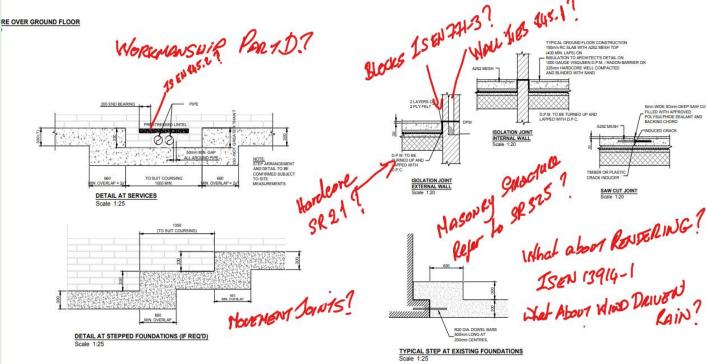
of Persuasion netoric for Everybody

Partitures submitted would comply with the requirements of Part M of the Second Schedule for the Part M of the Second Schedule for the Second Schedule apprention relatives apprinted would consider with the plane. In considering this application, no assessment has been made as to when The considering this application, no assessment has been made as to when The control of the control COUNTY with the other requirements of the Second Schedule to the Phri Building Regulations 1997 to 2019. **Disability is not just** about Wheelchairs

Read the Disability Access Comply with the Conditions

Are the specifications & standards up to date-copy/paste

Building Control Act Section 11 Request to Demonstrate ComplianceMust Comply with a Section 11 Request?



https://www.theguardian.com/world/2021/oct/07/homeowners-demand-full-payout-in-irelands-crumbling-homes-scandal

Homeowners demand full payout in Ireland's crumbling homes scandal

Thousands could be left homeless in rural Ireland because of devastating building defect



As an authorised person under Section 11 (3) of the Building Control Acts 1990 to 2014, I now request you to submit such drawings, documents, Product Data, Testing, design certification and any other information as may be reasonably necessary to demonstrate compliance with the following parts of the Second Schedule of the Building Regulations:

- Submit such plans, summary calculations (of main structural elements), documents, and information to demonstrate compliance with the appropriate requirement of **A1 Loading** is being complied with in relation to your building.
 - a) Walls Design Details to include S.R. 325:2013+A2:2018/AC:2019 Recommendations for the design of masonry structures in Ireland to Eurocode 6' (S.R. 325)
- Submit such plans, documents, and information to demonstrate that the appropriate requirements of C3 Dangerous substances are being complied with in relation to your building.
 - (a) Remedial measures and precautions taken in relation to:
 - a. Radon
- Submit such plans, documents, certification, and information to demonstrate that the appropriate requirements of D1 Materials and workmanship are being complied with in relation to your building.
 - Floors, S.R.21: Guidance on the use of I.S. EN 13242:2002 +A1 :2016 Aggregates for unbound and hydraulically bound materials for use in civil engineering work and road construction. Dop, CE Marking, Factory Production Control Certificate (System 2+) (or a delivery records of the products)
 - Walls; Brick/Block **EN 771-3:2011+A1:2015** Aggregate Concrete Masonry Units Dop, CE Marking, Factory Production Control Certificate (System 2+) (or a delivery records of the products)
- Submit such plans, documents, and information to demonstrate the appropriate requirements of **C4 Resistance to weather and ground moisture** are being complied with in relation to your building.
 - (a) Walls Render to external Block Walls to S.R. 325:2013+A2:2018/AC:2019
 Recommendations for the design of masonry structures in Ireland to Eurocode 6'
 (S.R. 325)
- Submit such plans, documents, and information to demonstrate compliance with the appropriate requirements of **L1 2021 (Dwellings)** are being complied with in relation to your building.

(In relation to the following:)

- a) Compliance with maximum levels permitted of Energy consumption and CO2 emissions levels calculated in accordance with the Dwelling Energy Assessment Procedures (DEAP) published by the Sustainable Energy Authority of Ireland (SEAI). A provisional BER Certificate and detailed calculation sheets are to be submitted to demonstrate compliance with the necessary standard.
- Submit such plans, documents, and information to demonstrate compliance with the appropriate requirements of L6 2021 (Dwellings) are being complied with in relation to your building.
 - (a) Use of Renewable Energy Sources
 - (b) Thermal Bridging
 - (c) Air Infiltration
 - (d) Thermal Bridging

17

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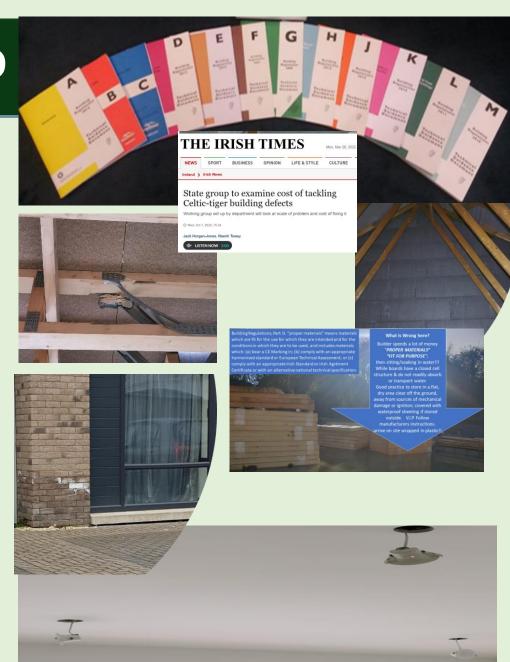
National Building Control & Market Surveillance Office

Good Builders-Professional with CPD

- 1. Why should good builders, designers, Assigned Certifiers compete with buildings like this?
- 2. Consumers are not normally informed construction experts & deserve better
 - The same poor-quality works can be traced up the foundations, the fire stairs all the way to the roof.
- 3. There are many contributors to these defects. And the perpetrators do it repeatedly.
 Development financiers are playing a very risky game by lending to houses/developments being built by these perpetrators.
- 4. Bankers, Solicitors and the Regulators (Building Control Officers/Department) along with owners, designers, builders and Assigned Certifiers are all responsible

Either allow this to continue/happen or causing it to happen.

- 1. Need to start naming and shaming!
- 2. Certificates of Compliance on Completion-withhold/withdraw
- 3. Consequences of not doing their job!



Constant Competition to Build More Homes at the Expense of Building Regulatory Compliance

Temporary Dwellings for Homeless Families-!!!!!!

Regulations in a civilised society are made for the purpose of providing for health and safety of people and environmental protection.

Question-when did we ever know a temporary building to not become permanent.

Every cheap housing development the state ever constructed has caused serious generations social, physical and mental impacts and cost a fortune-organisational amnesia- has anyone looked at the cost of making these compliant with the building regulations.

Notes: Homeless people are the most vulnerable in society, with the least income to pay for heating, lighting, cleaning and maintenance bills. It is also a fact that older people and children in these conditions suffer the most.

Building Control Authorities are about Promoting a culture of integrity and compliance with Building Regulations. The Building Control Acts regulate design & construction of all buildings & works in Ireland. They provide for the health and safety of people in or about buildings, access for all, the conservation of fuel and energy and promotion of good building practice i.e., SAFE, ACCESSIBLE, SUSTAINABLE BUILDINGS.

"dwelling means a house or flat forming a separate unit of residential accommodation", which must comply with the relevant requirements of the Building Regulations.

Was it ever envisaged that dwellings would be anything but permanent?

Granting any request for a relaxation of-or-dispensation from a requirement of the Building Regulations would have to look the risks to occupants in relation to health and safety of people in or about buildings, access for all, the conservation of fuel and energy and promotion of good buildings at a high level.

Search for

Validation of Statutory Notices/Applications/Certificates

"Validation is solely based on the assumption that the facts stated in the Form of Notice, Application, Certificate, or Declaration and the attachments i.e., Statutory Supporting Compliance Documentation forming part of the Notice/Application/Certificate/Declaration are true and accurate in compliance with the requirements of the legislation.

If at any time after validation it is found that there are inaccuracies, it may cause the Notice /Application /Certificate/Declaration to be subsequently invalidated.

Under Section 16 of the Act; "any person who contravenes (by act or omission) any requirement of this Act or of any order, regulation or notice under this Act shall be guilty of an offence" and may be prosecuted and be subject to penalties under Section 17 of the Act.

Prosecution & Enforcement carries a cost."

RTÉ Investigates reveals probe into alleged forged Mayo building compliance certs held by council

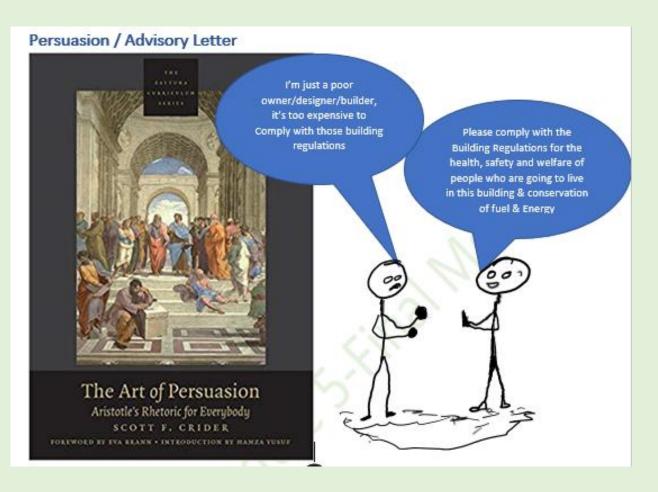
tainment Gallery Marketplace ePaper Newspaper Archive Co

Gardaí are investigating the discovery of alleged forged building compliance certs held by Mayo County Council in relation to its new €11 million swimming pool in Castlebar.

Process:

- Affidavit by complainant
- CE Order to Invalidate
- Prosecute for false & misleading information
- Complainant make a complaint to Gardaí
- BCA assist Gardaí if requested

Building Control Officers must get tough



- "I must advise you as owner/builder of this building or works that it is your responsibility to comply with the Building Control Act 1990-2014."
- "You must notify the Building Control Authority of your intention to commence and that every building to which building regulations apply shall be designed and constructed in accordance with the provisions of such regulations".
- "The Building Regulations are functional requirements that state the aim or purpose of the provision, without detailing how it has to be done. The focus is on "ends" allowing the designer to determine best "means"".
- "Buildings and works as a whole and in their separate parts must comply with the relevant requirements of the Building Regulations".
- "All these materials used in the building must be "fit for their intended use"".
- "All works must be carried out in a workmanlike manner".
- "It is an offence not to comply with the requirements of the Building Control Acts 1990-2014 and you may face prosecution with associated fines and penalties."
- "You may also have civil liability and insurance issues"
- "If you are not aware of your obligations under the Building Control Acts 1990-2014, I advise you to seek professional consultation to assist you".



Building Control CPD Seminar 23rd March 2022

Market Surveillance of Construction Products Update



Ireland - National market surveillance programme 2021

https://ec.europa.eu/docsroom/documents/44990

Article 18(5) of Regulation (EC) 765/2008

Website: www.nbco.localgov.ie

Twitter: @NBCOIreland

YouTube: NBCO DCC

Data Portal: https://data.nbco.gov.ie/

Mairéad Phelan

BE, CEng, FIEI, MBA, D.Law, PGGov. Head of National Building Control &

Market Surveillance Office

National market surveillance programmes

 This section presents the latest market surveillance programmes provided by EU countries pursuant to Article 18(5) of Regulation (EC) 765/2008. The templates for the preparation of national market surveillance programmes are available in all EU languages.

- Ireland
 - programme 2021
 - programme 2020
 - programme 2019
 - programme 2018
 - programme 2016
 - programme 2014-2015 Search for available translations of the preceding linkEN

<u>Ireland - National market surveillance programme</u>
<u>2021</u> (1016 KB)

<u>Ireland - National market surveillance</u> <u>programme 2021</u>

Document date: 10/03/2021 - Created

by GROW.DDG1.B.1 - Publication date: n/a - Last

update: 10/03/2021

Ireland - National Market Surveillance Programme 2021 https://ec.europa.eu/docsroom/documents/44990

2.5. Sector 5 – Construction



Web address: https://www.gov.ie/en/publication/755e6-market-surveillance-ofconstruction-products/

Point of contact: Mairead Phelan, Dublin City Council-National Building Control Office, 01 22 27 947/794

S.I. 225 Of 2013 - https://www.irishstatutebook.ie/eli/2013/si/225/made/en/print



'Economic Operator' means the manufacturer, importer, distributor or authorised representative;

Requires **Economic Operators**:

to provide declarations of performance, then affix the CE Marking, and provide instructions and safety information, in a language which can be easily understood by users when making a construction product available on the market in the State.

to cooperate with requests for information from Competent National Authorities when seeking confirmation of the conformity of construction products with their Declarations of Performance and compliance with other applicable requirements in the Construction Products

Regulation.

'Construction Product' means any product or kit which is produced and placed on the market for incorporation in a permanent manner in construction works or parts thereof and the performance of which has an effect on the performance of the construction works with respect to the basic requirements for construction works;

Competent National Authorities S.I 225 0f 2013



S10 Market surveillance

S11 Appointment of authorised officers

S12 Powers of authorised officers

S13. Warrant to enter and search

S14. Corrective actions

S15. Service of notices

COMPETENT NATIONAL AUTHORITY	Product AREA CODE(S)
31 Local Authorities	1-35
National Market Surveillance Office (DCC)	1-35
Geological Survey of Ireland	24
National Roads Authority	12, 23, 24

Market Surveillance Authority Guidance



"market surveillance" shall mean the activities carried out and measures taken by the body specified in Regulation 10 of these Regulations to ensure that construction products comply with the requirements set out in the relevant harmonised technical specifications and do not endanger health, safety or any other aspect of public interest protection;

PRODUCT AREAS -ANNEX IV -Regulation 305 of 2011

	1				
CODE	PRODUCT AREA				
1	PRECAST NORMAL/LIGHTWEIGHT/AUTOCLAVED AERATED CONCRETE PRODUCTS.				
2	DOORS, WINDOWS, SHUTTERS, GATES AND RELATED BUILDING HARDWARE.				
3	MEMBRANES, INCLUDING LIQUID APPLIED AND KITS (FOR WATER AND/OR WATER VAPOUR CONTROL).				
4	THERMAL INSULATION PRODUCTS. COMPOSITE INSULATING KITS/SYSTEMS.				
5	STRUCTURAL BEARINGS. PINS FOR STRUCTURAL JOINTS.				
6	CHIMNEYS, FLUES AND SPECIFIC PRODUCTS.				
7	GYPSUM PRODUCTS.				
8	GEOTEXTILES, GEOMEMBRANES, AND RELATED PRODUCTS.				
9	CURTAIN WALLING/CLADDING/STRUCTURAL SEALANT GLAZING.				
10	FIXED FIRE FIGHTING EQUIPMENT (FIRE ALARM/DETECTION, FIXED FIREFIGHTING, FIRE AND SMOKE CONTROL AND EXPLOSION SUPPRESSION PRODUCT).				
11	SANITARY APPLIANCES.				
12	CIRCULATION FIXTURES: ROAD EQUIPMENT.				
13	STRUCTURAL TIMBER PRODUCTS/ELEMENTS AND ANCILLARIES.				
14	WOOD BASED PANELS AND ELEMENTS.				
15	CEMENT, BUILDING LIMES AND OTHER HYDRAULIC BINDERS.				
16	REINFORCING AND PRESTRESSING STEEL FOR CONCRETE (AND ANCILLARIES). POST TENSIONING KITS.				
17	MASONRY AND RELATED PRODUCTS. MASONRY UNITS, MORTARS, AND ANCILLARIES.				
18	WASTE WATER ENGINEERING PRODUCTS.				
19	FLOORINGS.				
20	STRUCTURAL METALLIC PRODUCTS AND ANCILLARIES.				
21	INTERNAL & EXTERNAL WALL AND CEILING FINISHES. INTERNAL PARTITION KITS.				
22	ROOF COVERINGS, ROOF LIGHTS, ROOF WINDOWS, AND ANCILLARY PRODUCTS. ROOF KITS.				
23	ROAD CONSTRUCTION PRODUCTS.				
24	AGGREGATES.				
25	CONSTRUCTION ADHESIVES.				
26	PRODUCTS RELATED TO CONCRETE, MORTAR AND GROUT.				
27	SPACE HEATING APPLIANCES.				
28	PIPES-TANKS AND ANCILLARIES NOT IN CONTACT WITH WATER INTENDED FOR HUMAN CONSUMPTION.				
29	CONSTRUCTION PRODUCTS IN CONTACT WITH WATER INTENDED FOR HUMAN CONSUMPTION.				
30	FLAT GLASS, PROFILED GLASS AND GLASS BLOCK PRODUCTS.				
31	POWER, CONTROL AND COMMUNICATION CABLES.				
32	SEALANTS FOR JOINTS.				
33	FIXINGS.				
34	BUILDING KITS, UNITS, AND PREFABRICATED ELEMENTS.				
35	FIRE STOPPING, FIRE SEALING AND FIRE PROTECTIVE PRODUCTS. FIRE RETARDANT PRODUCTS.				

4/22/2022

Market Surveillance Authorities Actives Resource Management





Active:

Planned routine activities in a defined period targeting a number of specified products concentrated where:

- risks are higher
- non-compliance is more frequent

Reactive:

Responding to allegations of noncompliance and involves various levels of investigation — support@nbco.gov.ie

Random Inspections:

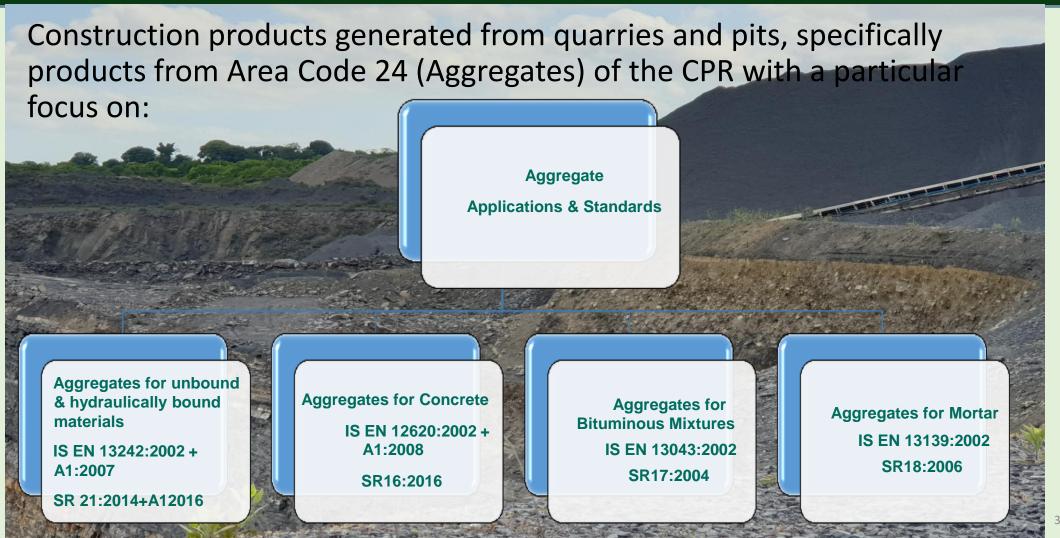
Making economic operators aware of the MSA presence in the marketplace – Market Surveillance Campaign for Aggregates 2021

General Activities:

- Regularly visit premises and workplaces where products are in service
- Random spot checks
- Take samples and test
- Incorporating material on EU Regulations (EU) No. 305/2011 on websites, including contact details Authorised Officers
- Review information regularly

 establish a database which
 could assist the planning of
 future market surveillance
 activity

Ireland - National Market Surveillance Programme 2021 Planned MS Activity Campaign



NBC&MSO

National Building Control & Market Surveillance Office

Phase 1

Raising Awareness (May/June 2021)

Phase 2

Planning Visits to Premises/ ICSMS Input (July-December 2021)

Phase 3

Conclusions December 2021

Market Surveillance Campaign 2021

Aggregate Products within the scope of EN 12620, EN 13043, EN13139 and EN 13242 series must be CE Marked, since July 2013.



If you are an Economic Operator:

- Manufacturer;
- Importer; or
- Retailer / Distributor

of aggregates products you should be aware of your obligations under the rules for CE Marking.



The National Building Control and Market Surveillance Office (NBCMSO) is the approved office for market surveillance in relation to construction products. Over the coming weeks, the NBCMSO will be carrying out unannounced inspections of quarries to check the CE Marking of aggregate products including those within the scope of EN 12620, EN 13043, EN13193 and EN 13242.

The objective of the Market Surveillance Office is to ensure that only products compliant with the Construction Products Regulation (EU) No 305/2011, are placed on the market.

If you receive a visit, the Market Surveillance Office may check that you have applied the CE Marking correctly, that you have all the required documentation in place (see overleaf) and may take a sample away for testing. Anybody obstructing, impeding or providing false information to the Authorised Officer may be committing an offense under the EU CPR.

The Market Surveillance Campaign 2021 is co-ordinated by Dublin City Council - National Building Control Office (DCC-NBCO).

For all queries, please email: support@nbco.gov.ie

Powers of Inspection

- What's Required
- Time for Compliance
- Corrective Action
- Penalties
- Further Information

What happens if I receive a visit from the Market Surveillance Authority?

CENERAL

If you receive a visit, from an Authorised Officer, in exercise of the powers conferred on the Authorised Officer by Regulation 12(3) of the European Union (Construction Products) Regulations 2013, the information outlined in Table 1 below can be requested for inspection, having regard to the responsibility you have under the Construction Products Regulation No. (EU) 305,0015

Table 1: Information sought (but not limited to) relevant to the responsibility of each Economic Operator

No.	Description	Manufacturer	Importer	Distributor/ Retailer
1.	A copy / photograph of the CE mark	Y	Υ.	Y
2.	A Valid Declaration of Performance (DoP)	Y	Y	Y
1.	The technical documentation to support that the product com- plies with the requirements of EN 12620, EN 13043, EN 13242 and EN 13139.	Y	Y	Y
*	The last reports and details in respect of type lesting of the product.	Y		1.0
5.	Details of the notified factory production control certification body (AVCP System 2+).	Y	*	*
	The means by which products within the scope of EN 12620, EN 13043, EN13139 and EN 13242 are placed, or made available, on the market can be identified and traced throughout the supply chain.	Y	Y	Y

2. TIME FOR COMPLIANCE

The information sought should be readily available onsite. CE Marking of construction products is mandatory across the EU since 1 July 2013.

3. TAKE NOTICE

In the event that the required documentation is not available at time of inspection or on request for information, you may make representations in writing to the Market Surveillance Authority within 14 days. The Market Surveillance Authority may, having considered any such representations, amend the terms of this request for information or confirm or revoke the request for information.

4. TAKE FURTHER NOTICE

If you, the Economic Operator:

- do not comply with the terms of a request for information within the aforementioned period or
 the docurrentation submitted: made available on the date of visit, is not in compliance with the Construction Products Regulation.
- the Market Surveillance Authority may take such steps as it considers reasonable and necessary to secure compliance with the request for information under the Construction Products Regulation, up to and including prosecution through the Courts.

5. WARNING

A person guilty of an offence under the European Union (Construction Products) Regulations 2013 is liable: -

 a) on summary conviction to a fine up to 65,000 or to a term of imprisonment up to 3 months or to both; or on conviction on indictment to a fine up to 6500,000 or to a term of imprisonment up to 12 months or both.

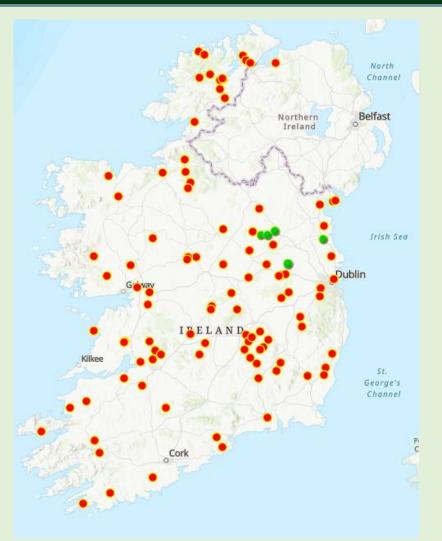
6. ADDITIONAL INFORMATION

- Regulation No. (EU) 305/2011 http://ex.europa.eu/Les/JriServ/Les/JriServ do/Juri-O.) 1, 2011 058 0005 0043 EN PDE
- European Union (Construction Products) Regulations 2013 http://www.inshatum/sebook.ie/2013/en/a/0225.fdm/
- CE Marking of Construction Products—Step by Step
- EN 12620/2002+A1:2006 Aggregates for concrete, EN 13043:2002/AC:2004 Aggregates for bituminous mintures and surface treatments for make, arietate and other trafficied areas or EN 13242:2002+A1:2007 Aggregates for unbound and hydraulically bound materials for use in crist engineering work and road construction.
- SR 16:2016 Guidance on the use of LS. EN 12620:2002 Aggregates for Concrete, SR 17:2004 Guidance on the use of LS. EN 13043:2002 - Aggregates for bituminous minitures and surface treatments for nodes, airfeids and other trafficked areas, S.R. 18 - Guidance on the use of LS. EN 13139:2002 + NA 2010 - Aggregates for mortra and SR 21:2014 Guidance On The Use Of LS. EN 13342:2002 + Al 2007 Aggregates For Unbound And Hydraulically Bound Materials For Use

Step 4: Assessment of compliance with formal requirements

No.	Description	Manufacturer	Importer	Distributor/ Retailer
1.	A copy / photograph of the CE mark	Y	Υ	Υ
2.	A Valid Declaration of Performance (DoP)	Υ	Υ	Υ
3.	The technical documentation to support that the product complies with the requirements of EN 12620, EN 13043 or EN 13242	Y	Υ	Υ
4.	The test reports and details in respect of type testing of the product	Υ	-	-
5.	Details of the notified factory production control certification body (AVCP System 2+)	Υ	-	_
6.	The instructions and safety information	Υ	Υ	Υ
7.	The means by which products within the scope of EN 12620, EN 13043 or EN 13242 are placed, or made available, on the market can be identified and traced throughout the supply chain (Traceability) Where can't get CE Marking, DoPs & Safety information for Construction		Υ	Y

Market Surveillance Campaign (Aggregates) (commenced 2021to continue 2022

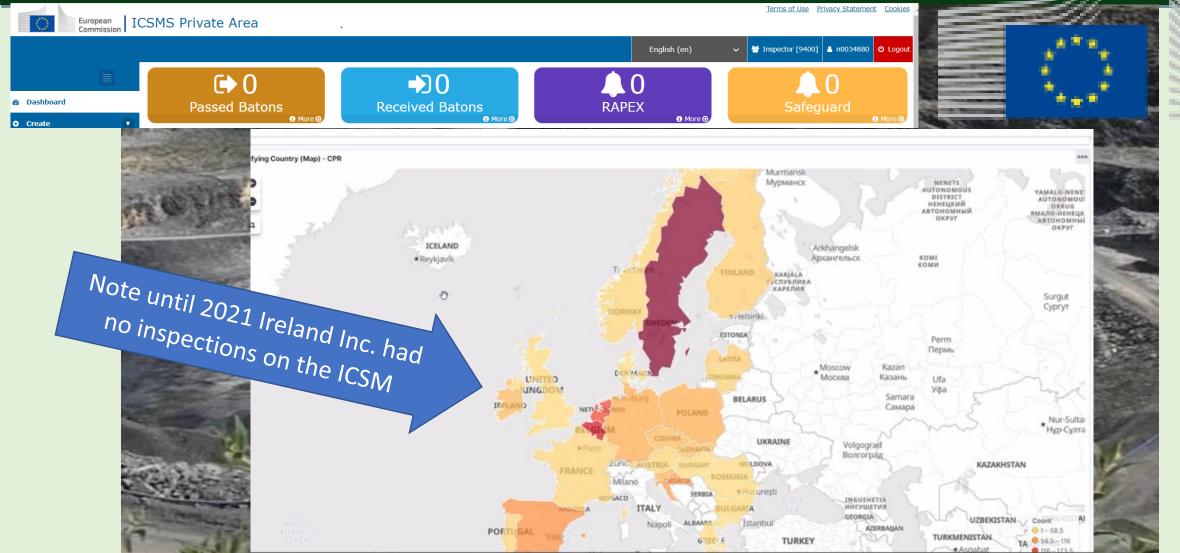


Construction products generated from quarries and pits, from CPR Area Code 24 (Aggregates) focus on:

- a. Aggregates for concrete (EN 12620);
- b. Bituminous Mixtures (EN13043);
- c. Unbound and hydraulically bound materials (EN 13242).
- 20% of the 500 quarries in the state inspected.
 - Identified an average of 1-3 (quarries to be revisited/monitored) Economic Operators in 14 Counties for further monitoring in 2022.
- The relevant Market Surveillance Authorities will be assigned these Economic Operators to inspect/sample in accordance with the inspection package as assigned by the NBCMSO
- baseline survey & factfinding with upload to <u>EC ICSMS</u>



Market Surveillance Campaign (Aggregates) (commenced 2021to continue 2022-Recording



2022 Planned Activities -Identify and targeting of Economic Operators (based on criteria such as history of non-compliance, results of audits, market share, distribution of products and / or users, etc.)

A. Planned Activities

- Market Surveillance Campaign (Aggregates) (commenced 2021-to continue 2022)
 - a. Sampling/Inspections continue
 - b. Report to NSAI regarding S.R. 325:2013+A2:2018/AC:2019 Recommendations for the design of masonry structures in Ireland to Eurocode 6 and ease of compliance. Construction personnel must be familiar with the standard as it relates to the specification of concrete blocks in buildings.
- 2. Joint Activity Agreement Article 9 Joint activities to promote compliance of Regulation (EU) 2019/1020 (commenced 2021)
 - a. An Article 9 agreement under CPR GSI, Donegal County Council and NBCMSO. Commenced W/E 11th January 2022 -report Q1 2022. Ref, HOUSING MINISTER ORDERS AUDIT INTO DONEGAL QUARRIES. To complete 31st March 2022.
- 3. I.S. EN 1090-Structural Steel & Aluminium Campaign (commence in 2022)
 - a. I.S. EN 1090 is a harmonized standard that covers structural/construction steel and aluminium products that are installed in a permanent manner.
- 4. EN 845-2: 2013 + A1 2016; i.e., SPECIFICATION FOR ANCILLARY COMPONENTS FOR MASONRY PART 2: LINTELS. No Testing Facilities in Ireland.

B. Reactive Inspections; (Reactive market surveillance - in response to an outside event)

37 reactive inspections in relation to
Construction Products have been dealt with since the office commenced in 2021.

"Reactive Market Surveillance" is normally triggered by an outside event and in relation to a specific suspected offence. This could include incidents and accidents (Article 18(2b) of Regulation (EC) No 765/2008), notifications from other Market Surveillance Authorities through Rapex and ICSMS, and notifications from other authorities.

Market Surveillance Officers must get Going



CPD Day, "Market Surveillance of Construction Products"

Way Forward

Building Control ACTs

Market Surveillance of Construction Products

Summary

Penalise those who disregard the Law

Building Industry Confidence

50 years lifespan

Promote a Culture of Compliance



