

HELLO



CQAS 441 Compost Quality Assurance Scheme

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What we do?

- Certification Services – ISO 14001, OHSAS 18001, ISO 9001, ISO 20121, Niche- ISO 50001, ISO 27001 and BCM
- Inspection Services - **CQAS Project**, Waste Enforcement for Dublin City Council and National TFS office, VOC Regulations Inspections
- Training Services support the Certification and Inspection divisions
- Accredited by INAB & UKAS
- Headquartered in Ireland with 47 employees with additional offices in London, Belfast, Istanbul, Milan, Osaka-Shi

OVERVIEW

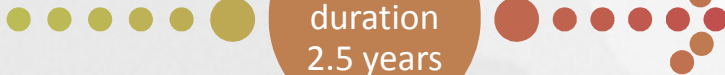
- Project Overview
- What is Quality Assurance in the context of Compost
- How Certification to CQAS works
- Feedback from the industry
- What's next.

Project Overview

Phase 1



Phase 2



Phase 3



Project
duration
2.5 years

Phase 1- scheme documentation, CQAS specification, Guidance Notes, information leaflet, training package


Phase 2- Trial the scheme, feedback from the industry, review the scheme documentation scheme documentation, 21 facilities participated

Phase 3- Pilot the scheme, certify composting facilities, further review of the working scheme



What is Quality Assurance

- Brings **confidence** to the compost product(s) produced
- Internal Management System designed to suit the composting facility but compliant with requirements of specification/standards **CQAS441:2012**
- Identifies and specifies **controls** on critical elements that determine the quality of the finished products
- **Standardised Criteria** by which each facility must conform to
- Introduces Internal **checks** of process and procedures for conformity
- verified compliant by competent **3rd party certification body**.

FEEDSTOCK

- Careful selection of the “***Positive waste types***”
- Must be **Source Segregated & Separately Collected**
- Compost manufactured from **sewage sludge** or any derivative thereof is not permitted under the scheme
- Feedstock **acceptance and rejection procedures**
- **Storage and handling procedures** (cleaning, segregation etc)
- Management of **contamination** in feedstock



COMPOST PROCSS

- Defined documented process – **Process Control Plan**
 - Non- Technical Summary
 - Material flow map
 - Time Temperature Measurement & Documentation
 - Quality Analysis Sampling Programme
 - Sampling Protocol
- **Batch Management** Process
- **Non-conforming** Product
- **Self Checking** and Management Review



- Sampling of final **Product for compliance** against I.S. 441:2011 is mandatory
 - Pass/Fail criteria
- Material **can not move** until a “Pass” is achieved
- **Communication** with the Certification Body is essential on issues that affect product quality
- **Split sampling & independent sampling** are currently being investigated
- Compost Quality assurance can be claimed along with using the **National Quality Assurance Mark**



Certification Process

- Application made by the Composting company for certification to CQAS 441:2012 including the terms and conditions (Scheme rules)
- Application is reviewed by Certification Europe Technical Manager
- A date is scheduled within 3 months of the application being approved
- Audit occurs
 - Recommendation or otherwise by the auditor
- Internal review of the auditors recommendation by the certification decision manager
- Certification is valid for 12 months



What's next

- 3 of the initial batch of 6 have undertaken their Certification audit and where successful
- Issue Certification and QA mark for use on their products
- Process next batch for certification
- Monitor the certified facilities over the pilot phases
- Promotion activities



BORD NA MÓNA 

Cremin Farm Compost

What to look out for?

- QA Mark displayed on their product with a dedicated reference number
- Certification Certificate
- Product Specification Declaration
- Procurement – ask for CQAS 441:2012 certified compost



 THANK
YOU