



Glanbia



CLEANROOM SPECIALISTS

AT BAM WE DELIVER PROJECTS
WITH PROFESSIONALISM
AND INGENUITY

OUR CLEANROOM EXPERTISE

BAM Cleanroom is the specialist division within BAM Building that addresses the specific requirements of controlled environments across the industrial spectrum

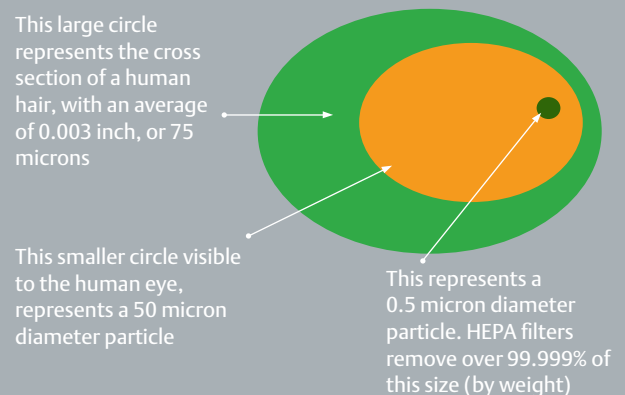
PROJECT DELIVERY

Agri	Datacentre	Medical Devices
Agri/ Food	High Security	Biomedical
Food Processing	Semi-conductor	Healthcare
Laboratory	Hi-Tech / Industrial	
Education	Pharmaceutical	

ISO Standards	Classes (Fed 209 C)	Typical Industries
ISO 3	1	Semi-Conductor, Space Industry, Nuclear
ISO 4	10	Semi-Conductor, Space Industry Nuclear
ISO 5	100	Biotechnology, Containment laboratories
ISO 6	1,000	Healthcare, Laboratories, Pharmaceutical,
ISO 7	10,000	Healthcare, Laboratories, Pharmaceutical,
ISO 8	100,000	Data Centres, Medical Devices, Motor Industry
CNC	Clean Not Classified	Food Processing

CLEANROOMS

“A room in which the concentration of airborne particles is controlled, which is constructed and used in a manner to minimise the introduction, generation and retention of particles inside the room and where other relevant parameters, eg. Temperature, humidity and pressure are controlled as necessary”



BAM is dedicated to understanding customer needs, working in partnership to deliver high-end projects with the flexibility and 'can do' attitude to meet and exceed client expectations

ARCHITECTURAL ENVELOPE

Subcontract/ trade contractor
Ceilings, walls, door, floors
Integration and co-ordination of services
Document control

FITOUT SOLUTIONS

Principal contractors/ PSCS
Architectural development and installation
Services coordination
Final commissioning and handover

TURNKEY SOLUTIONS

Single point responsibility
Design completion
M&E, structural, civils
Architectural envelope
Commissioning and validation



WHY BAM CLEANROOMS?

- Client focussed
- Single point responsibility
- BIM
- In-house engineering
- Management process
- Value engineering
- Certainty of performance
- Zero defects policy
- After-project support/service

BAM Cleanrooms is an established leader in the construction of cleanroom and controlled environment solutions across the cleanroom spectrum:

- education
- food processing
- biomedical
- pharmaceutical
- medical devices
- semi-conductor



BAM's expertise in the delivery of architectural solutions and our in-house engineering capabilities provides us with a unique ability to interpret client's requirements thus providing them with the best technical and value engineered solutions.

BAM Cleanrooms has the management processes, systems and procedures in place to ensure construction execution that delivers compliant on time facilities within budget, with single point responsibility and accountability

Working safe is BAM's number one priority and will never be compromised.

BAM provide experienced cleanroom design and coordination resources to assist architects and engineers in design teams and to integrate the supply chain from the outset.

Construction staff are inducted into cleanroom protocols needed to match client's individual requirements. The emphasis is on building 'smarter, better, faster' and so provide clients with a greater certainty of performance on each project.



Regular on-site training and induction ensures the high standards of workmanship, safety and compliance to client's GMP facility requirements.

BAM Cleanrooms use the latest BIM modelling technology and design systems to integrate within the overall project design and enhance the value of services we offer.

Overall BAM Cleanrooms focus on technical innovation and safe construction compliance ensures a greater certainty of performance in achieving project validation and operational qualification.

GLANBIA

Belview is built on a greenfield site located at the IDA Science and Technology Park, Co Kilkenny.

The proposed facility consists of a new dairy plant comprising of the following main buildings-

- Dairy Ingredients Intake Building
- Wet Processing Building
- Utilities Building
- Dryer and Evaporator Building
- Warehouse Building
- Administration Building.

The scope of work include the completion of building works associated with the Administration, Utility, Warehouse and Dairy Intake Building which will be constructed

in Steel Frame with a composite external panel.

Project consists of the design, supply and installation of a modular cleanroom system to a CNC Grade manufacturing facility including co-ordination of services within the cleanroom envelope.



GSK - MONTROSE SCOTLAND

- 600m fully walk-on ceiling system supported from secondary steelwork
 - 240 linear metre cleanroom wall system consisting of aluminium core panels to varying heights complete with flush glazing, recess base to allow flush floor finishes and aluminium covings
 - 20nr GRP system doors integrated into cleanroom wall system incorporating interlock systems and door light indicators.
 - Fire rated product pass throughs and trolley pass throughs.
 - Fire rated flush fitting glazed units.
- BAM Cleanrooms are also responsible for the implementation and management of "Clean Build" protocol measures during the construction stages of the cleanroom.



CLIENT LIST

- Abbott Ireland
- Amgen
- Apple
- Bausch & Lomb
- Beaumont Hospital
- Bristol Myers Squibb
- Dell
- Ely Lilly
- Genzyme
- Glanbia
- Glaxo SmithKline
- Green Isle Foods
- Major Microchip Manufacturer Leixlip
- Mater Private Hospital
- MSD
- National Maternity Hospital
- Pzifers Ireland
- Rotunda Hospital
- Servier
- St James's Hospital
- Takeda
- Zenimax



SAFETY

We are uncompromising in implementing our Health & Safety Policy.

BAM has recently implemented a number of safety and environmental improvements to embrace safety behaviour within the company to reduce the number of incidents.

Beyond Zero is our Behavioural Safety Programme introduced in 2013, it promotes people choosing to work safely rather than being made to work safely.

We achieved an incident frequency rate of ZERO for BAM employees. Our Safety Awareness Audited performance continued to improve with a score of 79%. We have fully implemented e-learning induction and other e-learning courses.

Our safety Management system achieved accreditation to OSHAS 18001:2007 and we are Safe-T-cert accredited.

ENVIRONMENT

Our EMS is certified to ISO 14001:2004. It is our Environmental Management Policy to promote a responsible and proactive approach to environmental and waste management at every level of our operation. Our total CO2 emissions reduced by 11% since 2012, far exceeding our 2% target. Despite growth in our business, we reduced our total construction waste by 4% and our office waste by 21% in 2013.

QUALITY

BAM is certified to ISO 9001:2000 for Quality Management

BAM uses Total Quality Management (TQM) as a driving factor behind our approach not only to continuously improve but also to retain and improve our position as the leading contractor in the country.

CSR

CSR is at the core of BAM's strategic agenda, it's at the heart of everything we do, focusing on people, communities and the environment.

We are constantly integrating more sustainable practices within our business, utilising our experience and innovation to the full and improving BAM's sustainable performance. BAM continues to be the leader in sustainability with achievements including; sector leader in the Carbon Disclosure Leadership Index with a score of 96 out of 100 points, sector leader in the VBDO (Association of Investors for Sustainable Development) and inclusion in the Ethibel EXCELLENCE Investment Register.

OUR SERVICES

- Traditional contracting
- PPP
- Design and build
- Design, build & operate
- Design, build, operate & finance
- Design, build & finance
- Developer

FINANCIAL STRENGTH

Turnover	2014	2013
BAM Ireland	€353M	€306m
Royal BAM Group	€7,314M	€7,225m





CLEANROOM CONTACT

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