

Hygienic engineering

The invisible foundation



What It Means:

- Engineering to control hygiene risks
- Focuses on prevention through design
- Reduces dependence on cleaning alone
- Creates consistent hygiene outcomes





What It Really Is:

- Proper layout, flow, and segregation
- Smooth, cleanable surfaces
- Effective slopes and drainage
- Easy access for cleaning and inspection

Link to GMP:

- Embeds hygiene into facility design
- Simplifies GMP implementation
- Reduces audit observations
- Minimizes non-conformances





Long-Term Value:

- Lower maintenance and rework costs
- Improved product safety
- Higher operational efficiency
- Sustainable regulatory compliance

PMG ENGINEERING

Build World Class Food Factories

