



**ENGCOR**  
ENGINEERED SOLUTIONS

# Your Technical Partner of Choice.

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Introduction to EngCor



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# About EngCor

## »» *Engineered Solutions.*

**To us, this means each service provided to a client is tailor built depending on the client's brief and current roadblocks.**

**EngCor** are **action-orientated, result-driven** engineers who are technical specialists in **project management, process design and life science operations**. We focus on projects, so that clients can focus on operations.

With **10+ years' experience in capital project delivery and R&D operations**, our services range from GMP, containment lab and R&D projects and operational readiness to process design, outsource service preparation and mobilisation, project control and **end-to-end project management services**.

# Our Mission

## What do we stand for?

Our mission is to **empower clients through tailor-built solutions that drive operational success**. We are committed to delivering top-quality services and creating lasting partnerships with our clients and end users.

### Open Collaboration

We believe in the power of collaboration to achieve success between all parties and partners

### Adaptability

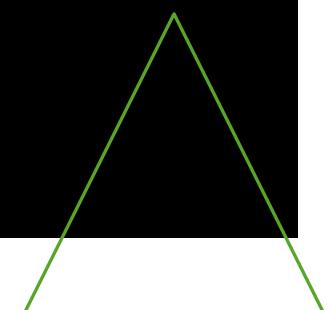
We adjust to changing circumstances to ensure long-term success

### Safety & Sustainability

We are committed to safe and sustainable practises, design and operations

### Impact

We uphold the highest standards, ensuring our work adds value to client projects and operations



# Our Focus Areas

## How do we add value?

### Concept Design, Feasibility & Test Fits

With 10+ years experience in life science and food/beverage projects and operations, EngCor provides leadership in the concept design development, strategic guidance and operational solutions that informs confident decisions during early stages of a project / feasibility assessment.

Example services include:

- Develop high-level design visions aligned with user requirements
- Assessment of potential layouts or facilities for adaptive reuse
- Evaluation of design to ensure they meet regulatory and operational requirements

### Project Management

EngCor offers end-to-end leadership and oversight to ensure projects are delivered on time, within budget and to the highest standards of quality and compliance. Our services support clients across the full project lifecycle – from initiation through to execution and handover to operations.

Example services include:

- Project management, including strategic planning, coordination
- Leadership of cross-functional teams and stakeholders
- Developing and maintaining integrated project schedules and risk registers
- Cost control, budget and forecasting

### Operational Readiness & Excellence

EngCor leads organisations to prepare for and sustain high-performing operations. Our services ensure that people, process and systems are capable to deliver compliant, safe and reliable operations from day one.

Example services include:

- Develop and implement operational readiness plans aligned with project milestones and user requirements
- Training, procedure and system readiness for smooth transitions
- Change management strategy development
- Assess and optimise existing operational processes, systems and/or performance

# Our Deliver Model

## What does success look like?

Our Design, Detail and Deliver (DDD) Model is the EngCor structured framework for project management and planning processes. Our model help guide teams from initial concept through to execution in clear stages.

### Develop

This phase focuses on deep diving into current operations, plans and strategies. It involves:

- Identifying needs, goals and objectives
- Workshopping solutions and concepts
- Completing business case or feasibilities studies
- Outlining high-level strategies or design principles
- Conducting initial market research

### Detail

This phase focuses on the basic and detailed design where ideas are translated into an action plan. It involves:

- Developing detailed designs, drawings and specifications
- Commencing documentation and workflows
- Completing relevant risk assessments
- Collaborating with stakeholders to validate approach

### Deliver

This phase focuses on execution and implementation of the action plan. It involves:

- Building / construction and equipment installation
- Conducting CQV as required
- Completing relevant QA processes
- Monitoring performance and collecting feedback
- Providing training, support and improvements

# Monica Montanaro | Director



## **KEY PROJECTS**

### • **Syntro Health**

- Leading Operational Readiness and Validation workstream to ensure compliance with TGA and PIC/S requirements
- Lead project management between client and builder to ensure project is delivered on time
- Develop equipment procurement strategy and budgets

### • **CSL Melbourne**

- Lead Design of Pilot Facility, including PC2, PC2-LS and TGA manufacturing, R&D Labs and Site Utilities
- Support Construction of new facility and utilities
- Implement operational model and strategy for Building Operations and Services team
- Lead Operational Readiness activities for R&D, utilities and services ahead two TGA audits

### • **Moderna**

- Lead mobilisation and readiness of IFM service provider and client team
- Lead implementation of asset management and site spare part strategy for on site Engineering Team
- Lead Engineering Training development

## **KEY CAPABILITIES**

- **Project and Program Management** – including leading multiple stakeholders to achieve defined client and builder timelines

- Leading **Operational Readiness** and transition planning – including development of CONOPS, transition plans, change impact assessment, process mapping and minimum requirements

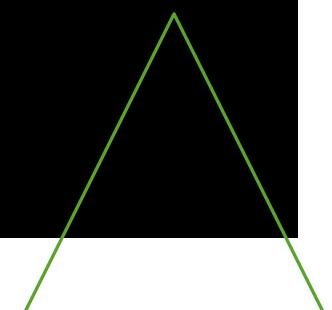
- Leading **Operational Excellence** initiatives – including alarm management review, business operation development, internal and stakeholder governance, tiered accountability development, standard work development

- **Outsource Planning** – including development of engineering / maintenance regimes, asset management program development, outsource contract management, outsource service mobilisation, QC outsourcing, operational support outsource mobilisation



# Our Projects

What have we delivered?



# Alarm Management

*Project Type: **Operational Excellence***

EngCor worked with a local cell & gene therapy business to develop **an alarm management strategy**, including **review of existing alarms** to streamline operations and on-call responses.



# Sterile Manufacturing

*Project Type: **Operational Readiness***

EngCor is currently leading the operational readiness and validation work for a new sterile manufacturing facility for a small CDMO. This project includes end-to-end project management, operational readiness, GMP readiness and validation activities.



# Valve Manifold

*Project Type: **Process Design***

The EngCor team designed a 180-valve manifold to **convert a manual hose exchange area into a full automated loading and unloading bay** for a tallow storage facility. The project required significant coordination between stakeholders and trades on site as the site needed to remain operational during the installation.



# Peer Reviews

*Project Type: **Facility Design***

The EngCor regularly works with builders and clients to peer review utility systems, facility layouts and process maps to provide an operational and compliance assurance. This is based on our extensive experience with cleanroom and lab operations and design.





# Your Trusted Partner.

Our Contact Information



**LinkedIn**  
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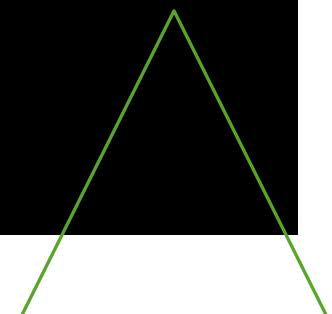
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