ENGINEERS GUILD LTD / COMPLIANCE & REGULATORY SERVICES

# Technical Advisory

Compliance & Regulatory Services | Product Design, Development and Prototyping

SERVICE PROFILE

A detailed overview of scope, capabilities and potential areas of support.

# Overview

Engineering decisions made during product development can affect functionality, performance, manufacturing costs and the need for later design changes. Engineers Guild provides technical guidance to help product teams evaluate design choices, address engineering challenges and make informed decisions throughout development.

Our work focuses on technical design reviews, development guidance, prototyping strategy and integrating relevant technical standards into product design.

# Our Services

Our technical advisory services cover two areas.

## i. Technical Design & Development

**Technical Design Review**
Assessment of product designs, specifications and concepts to identify technical limitations, design issues and opportunities for improvement.

**Design & Development Support**
Guidance on design alternatives and engineering decisions, taking into account intended functionality, technical constraints and project objectives.

**Compliance-Driven Development Support**
Consideration of relevant technical standards, including IEC, EN, FCC and CISPR, during product design and development.

## ii. Prototyping & Technical Evaluation

**Prototyping & Testing Strategy**
Planning what prototypes need to demonstrate, which performance or safety aspects require evaluation, and what testing may be needed at different development stages.

# Our Approach

1. **Understand:** Establish the product's intended function, development stage and engineering challenges.
2. **Evaluate:** Review available designs, specifications and technical information.
3. **Explore:** Consider possible design alternatives, limitations and technical trade-offs.
4. **Recommend:** Provide practical recommendations and identify areas requiring further investigation or testing.
5. **Guide:** Help the development team determine the next steps based on the findings.

### Who We Work With

- Engineering and design teams developing new products
- Manufacturers refining existing product designs
- Companies evaluating technical design alternatives
- Product teams planning prototypes and development-stage evaluations

### Value to Clients

- Identify design limitations and technical issues before they become costly development problems.
- Reduce avoidable redesign and rework by evaluating design choices earlier.
- Establish clear objectives for prototypes before committing resources to their development.
- Make informed engineering decisions by understanding the trade-offs between available design options.
- Identify technical issues that may require further investigation before moving to the next development stage.

# Contact Us

To discuss your project requirements, please contact:

**Engineers Guild (Pvt) Ltd.**
2nd Floor, Plaza No. 51, Sector 02, DHA Rahbar, Lahore, Pakistan
Email: info@megl.ca | | Phone: +92 (322) 449-4453. | Web: https://engineersguildltd.com/

Recommendations are based on the information and project scope available. Technical advisory does not replace formal testing, certification, legal advice or regulatory decisions.