



You Build, We Protect!

NEWSLETTER

HEGCEL[®] Technical Assessment Template

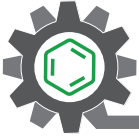
January 2025



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Tailored Solutions
Based on Your Input**

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Unlock Precision and Innovation with HEGGEL's Tailored Solutions

> Technical Evaluation: The Foundation of Excellence

At **HEGGEL**, we focus on delivering detailed and precise technical solutions to protect equipment and infrastructure across diverse industries. Our focus is on crafting optimized, comprehensive solutions tailored to the specific needs of our customers. In this issue, we highlight how HEGGEL's dedication to gathering critical details shapes the drafting of reliable proposals, ensuring effective protection and exceptional value for our clients.

Each project presents its own set of unique challenges and operational demands. Conducting a comprehensive technical evaluation is crucial for effectively navigating these complexities. This evaluation centers on identifying key factors such as:

Equipment Details: Understanding the type, dimensions, and coating history of the equipment is fundamental to tailoring a solution. The equipment type and specifications help identify the industrial process and its integrated variables. These factors define the project requirements and assist in assessing prior treatments or conditions that may impact performance.

Substrate Materials: The composition of the substrate, whether carbon steel, stainless steel, or concrete, plays a critical role in determining the appropriate protective measures. Each material has unique properties that affect its compatibility with coatings and exposure to environmental or operational stresses.





Environmental Conditions: External factors such as temperature fluctuations, UV exposure, and moisture levels can significantly impact the durability and performance of protective solutions. Evaluating these conditions ensures that the materials selected can withstand the environment they will be exposed to.

Service Stressors: Mechanical factors such as heavy loads, pressure variations, and repeated cleaning with abrasive and chemical agents can gradually degrade equipment and compromise its performance. Proactively addressing these stressors is essential to developing solutions that can withstand the rigors of daily operations and maintain long-term reliability.

For instance, in cases of impact, a coating with higher elasticity is a strong candidate. When wear and erosion are involved, ceramic polymer coatings could be the solution.

For broader applications, reinforced composites are often among the preferred options.

Exposure Factors: Chemical exposure is a critical factor in assessing service conditions, as it directly impacts the performance and longevity of equipment. Beyond the pH level, the specific nature of the chemicals, their weight concentration, and the operational temperature collectively determine the severity of their influence. Depending on the concentration, even relatively mild chemicals can cause significant degradation over time, while higher concentrations exacerbate their corrosive effects. These three elements—chemical type, weight percentage, and temperature—act simultaneously to define the practical chemical resistance requirements of the equipment. Their interplay is pivotal in technical evaluations, guiding the selection of materials and protective measures to ensure optimal performance and durability under harsh service conditions.

By carefully analyzing these elements, solutions can be tailored to ensure optimal performance and compatibility with the specific requirements of any project.





Innovative Solution Design: Where Engineering Meets Creativity



HEGSEL's technical solutions are not just protective—they're transformative. Through comprehensive technical reviews and the integration of your project data with cutting-edge engineering, we deliver:

High-Performance Coatings

High-performance coatings provide superior protection for a wide range of equipment, including storage tanks, piping systems, reactors, and more.

These resin-based coatings, designed as single-layer solutions without the need for a primer, are meticulously engineered to protect surfaces from severe environmental and operational challenges.

They provide exceptional durability and reliable performance across diverse industries, ensuring long-lasting protection in even the most demanding conditions.

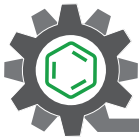
Advanced Linings

Advanced linings are specifically designed to endure extreme chemical exposure and mechanical stress, delivering exceptional resilience in demanding applications. Falling under the category of advanced linings, FRP linings and Tile Mortar systems establish a robust barrier that safeguards equipment against corrosive agents, temperature fluctuations, and physical wear, ensuring reliable functionality even in the most challenging conditions.

Extended Equipment Lifecycle

By incorporating tailored solutions, equipment lifecycles are significantly extended, reducing the need for frequent replacements and minimizing downtime. These solutions not only enhance operational efficiency but also lower maintenance costs, providing long-term value and sustainable performance.

Every recommendation is meticulously optimized to ensure maximum efficiency and durability.



HEGSEL Technical Questionnaire: The Fundamental Step to Customized Solutions

HEGSEL Technical Questionnaire is a vital tool for precision-engineered solutions. By systematically collecting all critical service and process details in one comprehensive step, this form ensures that no aspect of your project is overlooked. This enables us to deliver solutions tailored to even the most demanding operational requirements. The more thoroughly the form is completed and the information provided, the greater the accuracy and effectiveness of our proposal, ensuring it aligns seamlessly with your unique needs and challenges.

With **HEGSEL**'s diverse product portfolio, the information gathered through this questionnaire is crucial for identifying the most effective solutions for your project. Once your responses are reviewed, we will provide you with a detailed proposal—tailored to your specific technical requirements and completely free of charge, with no obligations attached.

Designed to capture the essential technical details of your process conditions, the questionnaire lays the groundwork for precise and customized recommendations. By compiling all critical information, it facilitates a thorough technical survey that ensures every aspect of your project is carefully evaluated and addressed with accuracy.

This thorough assessment considers critical factors across all aspects of your project to ensure tailored, reliable, and long-lasting solutions.

Operating Conditions, such as temperature ranges, pressure levels, and exposure to rapid changes, are analyzed to ensure that the proposed solutions can withstand the demands of the environment.

Equipment Details, including dimensions, surface area, number of units, and the current coating condition, provide a foundational understanding of the scope and scale of the project.

Substrate and Surface Characteristics, such as the type of material—whether stainless steel, concrete, or others—and any specific requirements, are carefully reviewed to select the most compatible solutions.

Chemical Exposure, which evaluates the concentration, temperature, and pH levels of substances in contact with the surfaces, ensures resistance to potential degradation.

Finally, the **Service Environment** is assessed by examining factors like mechanical load types, cleaning methods, and environmental stresses to guarantee long-lasting and effective protection. Each detail collected is essential for tailoring a solution that perfectly aligns with your project's unique needs.

By completing the questionnaire, you empower **HEGSEL** to provide solutions that are as specific and robust as your operational challenges.



Tailored Solutions: Built Around Your Requirements

> Tailored Solutions: Built Around Your Unique Requirements

Every project comes with its own specific challenges, and that is why our solutions are designed to adapt seamlessly to your unique operational needs. By focusing on the critical aspects of your process, from environmental conditions to material compatibility, we deliver solutions that align perfectly with your goals. Whether addressing complex technical demands or optimizing long-term performance, our tailored approach ensures that each recommendation is both precise and effective, offering you unmatched reliability and value.

Your input fuels the design of our custom proposals. Here's how the process unfolds:

Comprehensive Data Collection begins with the information you provide, forming the basis for an in-depth analysis of your project's unique requirements. By gathering key details, we ensure that every critical aspect is addressed from the outset.

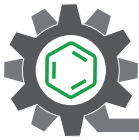
Detailed Evaluation follows, with our team utilizing advanced methodologies to thoroughly assess each parameter. This ensures that no element of your project is overlooked and that the proposed solutions are perfectly aligned with your operational demands.

Tailored Recommendations are then crafted based on the analysis, providing a personalized proposal. This includes precise product specifications and performance insights designed to meet your challenges with optimal efficiency and reliability.

This streamlined approach guarantees solutions that are as precise and effective as they are innovative.

This step-by-step process ensures that the solutions we offer are not only tailored to your needs but also set a new benchmark for reliability and excellence.





HEGGEL: Committed to Excellence

With decades of experience in corrosion protection and industrial coatings, **HEGGEL** combines unparalleled industry expertise with innovative solutions that set the standard for performance and reliability. Our customer-centric approach ensures that every proposal is crafted to address your most pressing challenges, delivering tailored solutions that align seamlessly with your operational needs.

At **HEGGEL**, we are dedicated to delivering exceptional value through precision, innovation, and a commitment to long-term success. In certain cases, we also find it essential to arrange a project or site visit, along with reviewing other relevant information, to gain a deeper understanding of the project and ensure the development of excellent proposals.



What's Next?

Take the first step toward advanced surface protection by downloading the [HEGGEL Technical Questionnaire](#). Complete the form at your convenience, and let us help you protect what you build. By providing essential details about your project's process conditions, you enable us to deliver innovative, tailored proposals—completely free of charge.

Empowered by your insights, we transform challenges into opportunities, crafting solutions that redefine durability, efficiency, and precision. Join us in shaping solutions that secure your assets while driving exceptional performance.

