



Customized AIM Services for a New Lithium-ion Battery Production Plant

Development of a holistic approach to meet complex needs. Customized solution for client's production machinery, including 15 different modular services from machinery concept to operation phase.

BASIC FACTS

Industry	Automotive
Client	A leading lithium-ion battery manufacturer
Time frame	2018 - today
Project Location	China
Main Services	<p>United a team of 40+ experts with diverse expertise delivering timely solutions such as:</p> <ul style="list-style-type: none">▪ Identification along German and EU relevant regulations and standards▪ Risk assessment▪ Machinery optimization technical consulting▪ Technical documentation development▪ Design review▪ Machinery certification▪ Vendor assessment▪ QA / QC▪ Due diligence▪ Shipment inspection▪ Training
Customer benefits	<ul style="list-style-type: none">▪ A holistic consulting and one-stop solution tackling complex challenges customers are confronted when constructing a new overseas plant▪ Flexible resource meet the project needs within limited time▪ Global expertise and local experience adapt to specific market and fit in cross-cultural communication needs

APPLIED AIM SERVICES AT A GLANCE

In this reference case, the services marked dark blue were used from our portfolio.

Our AIM Service Portfolio				
ASSET INTEGRITY	Management system and software consulting	AIM system and strategy development and implementation		AIM TRAINING AND INDEPENDENT REVIEWS AND VERIFICATION
		AIM software selection and implementation support	Auditing and certification	
	Data analysis and technical consulting	Inspection planning and RBI consulting	Maintenance optimisation and RCM	
		Integrity assessment and remaining lifetime extension	Risk, process safety and security assessment	
	Data collection (testing and inspection)	Inspection of plants and components	Condition monitoring (static and rotating)	
		Material testing and Non Destructive Testing (NDT)		

ABOUT TÜV RHEINLAND

Looking back on over 145 years of experience as an independent consultant and partner to many of industry’s most prominent organizations, we understand the importance of plant integrity for their commercial success. In an era in which specialized knowledge is increasingly hard to come by, we can offer you expertise in a comprehensive Asset Integrity Management service package that examines your

plant from multiple perspectives and develops customized, integrated solutions. Our AIM approach goes far beyond classic testing and certification services to provide long-term consulting, implementation support and security advice. The result is a stronger market position achieved through finely tuned value creation instruments that significantly minimize your risks and at the same time promote the growth of your business.

TÜV Rheinland Group Industrial Services
 Am Grauen Stein
 51105 Cologne
 Germany
 industrial-services@tuv.com
 www.tuv.com/aim

