

PRESS RELEASE

ABS Consulting Teams with Gliderol to Develop and Test First Ever Blast Mitigating Roller Shutter Door

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(Houston) – [ABSG Consulting Inc.](#) (ABS Consulting), a leading global operational risk management company, has collaborated with [GDS Global Ltd.](#) (Gliderol), a leading provider of commercial and industrial door and shutter solutions in Singapore and the South East Asia region, to develop and test the first ever blast mitigating roller shutter door.

This effort combines Gliderol's unique design specifications with ABS Consulting's global blast mitigation expertise. Concept development began in February 2019, with final testing concluding in Quarter 1 of 2022, resulting in approved performance levels that now officially classify the roller shutter door as blast-resistant.

"This development is a game changer for the explosion and thermal hazards industry," said Joe Woods, ABS Consulting Vice President of Risk and Reliability. "As we develop new and innovative ways to manage risks related to blast hazards, our ultimate goal is to continue designing solutions focused on minimizing serious injury, loss of life, damage to property and loss of mission. Our collaboration with Gliderol has the potential to help our clients reduce the severity of incidents."

"Collaborating with ABS Consulting allowed us to expand our technical expertise and solutions for manufacturing our industrial door systems," said Michael Wong, Chief Executive Officer at Gliderol. "We look forward to providing our valued customers a tailored risk solution that meets their specific requirements and provides a critical layer of safety and security."

The testing and design verification of the door design and systems was completed at ABS Consulting's [world-class Shock Tube Testing facility](#) based in San Antonio, Texas. ABS Consulting's engineers also performed Finite Element Analysis (FEA) to assist with the verification of the design; both the FEA and shock tube test produced comparable outcomes, confirming that future designs can be analyzed using FEA alone.

About GDS Global Ltd.

[GDS Global Ltd.](#) (Gliderol) is a leading specialist provider of commercial and industrial door and shutter solutions in Singapore and the South East Asia region. Backed by our strong technical expertise, proprietary know-how and technology-based solutions, we manufacture and supply a wide range of door and shutter systems that can be tailored to our customers' specific needs and requirements. We also provide service and maintenance works for products supplied or installed by us or third parties

About ABS Consulting

ABSG Consulting Inc. (ABS Consulting) is part of ABS Group of Companies, Inc. (www.abs-group.com), which is a wholly-owned subsidiary of ABS (www.eagle.org), one of the world's leading marine and offshore classification societies. The subsidiary was recently named one of America's Best Consulting Firms of 2022 by Forbes. With over 50 years of risk management and safety experience, ABS Consulting provides data-driven risk and reliability solutions and technical services that help clients confirm the integrity, quality and efficiency of critical assets and operations. Headquartered in Spring, Texas, ABS Consulting operates with more than 1,000 professionals across the globe serving the marine and offshore, oil, gas and chemical, government, power and energy and industrial sectors.



ABS Group
1701 City Plaza Drive
Spring, TX 77389
USA

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