



## Six DoF Testing & Analysis Newsletter

January/February 2024

### ENGINEERING ANSWERS through TESTING & ANALYSIS

Six DoF Testing and Analysis (6D) provides answers to mechanical engineering challenges throughout all phases of the product lifecycle. From upstream design validation to field testing, troubleshooting and next generation product development we help our customers achieve measurable improvements to product innovation, quality, reliability, and performance.

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### Serving a Wide Variety of Industries



We've covered a lot of ground in our years of testing, analysis and troubleshooting. From off-shore oil platforms to mining and construction, automotive proving grounds and beyond – 6D has worked with nearly every industry under the sun.

Our case studies offer a glimpse into some of these industries and applications. Follow the link below to learn more.

[Case Studies](#)

# Case Study: PACCAR



Products are not always used exactly as they are intended. It's important for manufacturers to understand the various, sometimes harsh, conditions in which their products are being used in order to ensure design integrity.

Read this case study to learn how 6D helped the manufacturer to ensure that their vehicles would maintain structural integrity throughout their lifecycle.

[Read More](#)

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## Mentoring Services



At 6D we believe in working with our clients to help build their internal testing capabilities. We'll work closely with your team to provide best practices and transfer the knowledge we've accumulated and the lessons we've learned over a lifetime of experience.

Contact us to learn more.

[Learn More](#)

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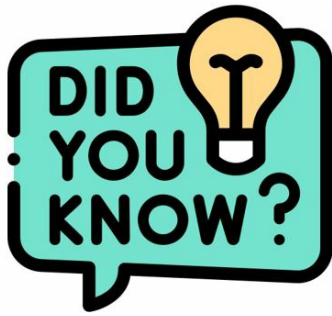
## From Our Blog: Strain Gauges



For decades, strain gauges have played a useful role in the world of engineering and testing. They serve on the frontline in deciphering the intricate deformations materials undergo under various stress conditions.

Read this blog post to learn more about strain gauges.

[Learn More](#)

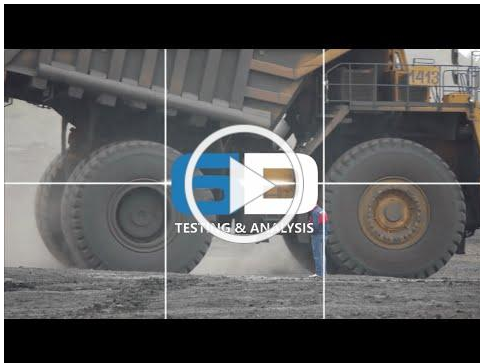


*There are four primary testing and Finite Element Analysis methods used to validate a new or updated product design. Each is proven, effective, and technically sound; and each has its advantages.*

*Follow the link below to learn more about each of these methods.*

[Learn More](#)

## From our Video Library



[6D in 60 Seconds](#)



[Video: Product Validation Field Testing](#)

## Connect with 6D!

Read and watch our latest company news and get a few practical tech tips along the way. Follow the links below to check us out!

Find us on: [LinkedIn](#) or [YouTube](#)

**IN CASE YOU  
MISSED IT**

**A Blast from the Past...**

[Slip Rings or Telemetry: Which is best for testing rotating equipment?](#)

[Modal Analysis 101](#)

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