



# MEETA

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## Topic

## Motion Amplification Technology

Presented by:

### Stuart Walker

**Reliability Engineer & Director at Reliability Maintenance Solutions Ltd**



**Date: 26<sup>th</sup> April 2022**

**Time: 19:00**

**This will be hosted on the Engineers Ireland Webinar platform and login details will be provided to all those registered to attend.**

**This Event is Free to attend but registration is required**

#### **Topic of Discussion**

In this webinar Stuart Walker, Reliability Engineer and Director at Reliability Solutions Ltd discusses using Motion Amplification Camera technology to assist in the root cause analysis of many different types of industrial vibration problems. He will demonstrate, using video of some real-world case studies, how vibration is visualised to assist in diagnosis in assets include rotating equipment, process piping and structural problems across a wide range of industries.

#### **About the Speaker**

**Stuart Walker** has worked in the Condition Monitoring and Reliability sector for the last 25 years. He started his career working for Dupont as a Mechanical and Production Technician after completing a four-year apprenticeship. It was here he was introduced to Condition Based Maintenance and set up a successful program at one of DuPont's UK sites. He utilized technologies such as Vibration Analysis, Oil Analysis and IR Thermography, moving the site from a time based maintenance strategy to a predictive and proactive one. Stuart then worked for a Reliability Consultant company for a number of years implementing and running a number of other successful CBM programs across the UK.

In 1999 he set up Reliability Maintenance Solutions Ltd with his colleague Dean Whittle. Together they have successfully grown the company over the last 22 years. RMS provides reliability consultancy, training, services and products to a number of blue chip companies across the UK, Europe and Middle East. Stuart has worked in many industry sectors including Oil & Gas, Petrochemical, Power and Paper. He is currently working on projects introducing and implementing the new Motion Amplification Technology within RMS and across a wide range of Industries at home and abroad.

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