Bureau Veritas Nexta and CorrosionRADAR Announce a Multi-Year CUI Monitoring Contract for a Leading Company in the Petrochemicals Sector.

Wednesday 27 September, 2023

Bureau Veritas Nexta, an engineering and consulting company within the Bureau Veritas group, has extended the perimeter of the collaboration started in the Middle East with CorrosionRADAR, a leading supplier of predictive corrosion monitoring and management solutions, to Europe in order to offer an integrated monitoring solution for Corrosion Under Insulation (CUI).

This collaboration extends Bureau Veritas Nexta's decades of experience in risk based inspections (RBI) through a data-driven and predictive approach that bridges the gap between current quantitative and qualitative risk management, creating optimised inspection programs. This enhances the value delivered to customers by ensuring safer operations, integrating multiple components, and optimising economic performance and return on investment for greater reliability.

Through the execution of a risk assessment at the customer's plant in Puglia, Bureau Veritas Nexta identified the critical asset, that would benefit from the implementation of CorrosionRADAR's monitoring system, which enhances the data acquisition and monitoring process, adding substantial value to the entire operational chain.

The collaboration between Bureau Veritas Nexta and CorrosionRADAR has contributed to the identification of an asset at the customer's plant, on which to carry out the study of critical parameters in order to anticipate the failure, and at the same time reduce direct and indirect costs associated with CUI management up to 52%.

CorrosionRADAR's patented CUI monitoring solution along with wireless, battery-powered tools, significantly simplifies its deployments at a large scale. The data is displayed on an online dashboard where risks are identified even before the corrosive damage occurs. This is an example of how in the Industry 4.0 era the advantages of Industrial IOT (IIOT) technology applied to structured predictive maintenance methodologies can be used to the fullest.

With this solution implemented on a storage tank, it is expected to provide significant cost savings over a period of ten years.

Furthermore, the data that is collected and analysed by experts will enrich the value of the RBI studies by creating predictive and dynamic inspection and maintenance programs.

Ignazio Sciacca, Industry and Engineering & Consulting Sales Manager of Bureau Veritas Nexta, commented: *"Our ability to model services on the specific needs of the customer, with an eye always projected towards innovation, has led us to consolidate the collaboration with CorrosionRADAR we are certain that approaching Asset Integrity issues by merging the high experience of the Bureau Veritas Nexta team and the right technology represents a great added value for our customers."*

Mehrdad Silatani, Chief Operating Officer at CorrosionRADAR, said *"This collaboration with Bureau Veritas Nexta enables broader adoption of CUI monitoring technology, pioneered by CorrosionRADAR. For critical applications such as storage tanks, the ability to continuously monitor and predict the occurrence of CUI issues brings huge benefits in terms of cost savings, HSE risk reduction and business continuity. This collaboration enables the specialist expertise and credibility of both companies to bring this predictive maintenance solution to the Industry 4.0".*

-ENDS-

About CorrosionRADAR
CorrosionRADAR is a leading provider of smart corrosion monitoring and analytics solutions for critical industrial asset integrity issues such as corrosion under insulation (CUI). Enabling Digitalisation and Industry 4.0 with its innovations in sensing and predictive analytics, CorrosionRADAR's solutions monitor and predict risk remotely, allowing businesses to make data-driven decisions in their industrial assets. For new energy infrastructure such as Hydrogen and CCUS, as well as conventional oil & gas, businesses can improve safety, and achieve significant savings in their maintenance costs.

For further information visit www.corrosionradar.com

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About Bureau Veritas Nexta:
A company of the Bureau Veritas Group, Bureau Veritas Nexta translates the know-how and history of a large international group into a consultancy dimension, capable of responding flexibly and effectively to the present and future needs of a constantly evolving market. Bureau Veritas Nexta supports customers in risk management throughout the life cycle of an infrastructure, a plant, an industrial or civil asset by developing consultancy and engineering services, oriented towards strategic planning and sustainability.

For further information visit https://www.nexta.bureauveritas.it/

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