

Proof Test for National Oilwell Varco—Crane Travelling Block



From the DuSense Dubai office we can provide you with a complete range of consultancy services for any kind of STRAIN MEASUREMENT application - from the initial procurement stage including installation, monitoring and analysis of the data. Mike Shaw, our General Manager is an expert Strain Gauge Technologist with more than 40 years of in depth experience with Strain Measurement projects in all industries from the design stage through to commissioning, this includes experience of working with almost any type of materials or any kind of structure. From major Civil Structures such as the Burj Khalifa, Sub-Sea Pipelines, Offshore Rig projects, as well as High Temperature projects, we can provide you with a highly professional complete service to ensure the success of your project.

A recent 2016 Dubai project awarded to DuSense and now successfully completed was for a DESIGN VERIFICATION - it included to check the actual applied strains within new prototype during the critical 900tonne proof load test of an Oil Rig Crane Travelling Block for a leading Oil Services company National Oilwell Varco.

The project, contracted via Safety Marine Services UAE involved installation and monitoring of 26 nos strain elements of Rectangular and 3 axis rosettes to measure the stresses at key sections of the Crane Travelling Block are within permissible design limits at Maximum Proof Test Load of 3x rated load.

Project: Proof Load Test of Crane Travelling Block

Test Equipments: 1000tonne Test Bed at Safety Marines Services, Al Quoz, Dubai

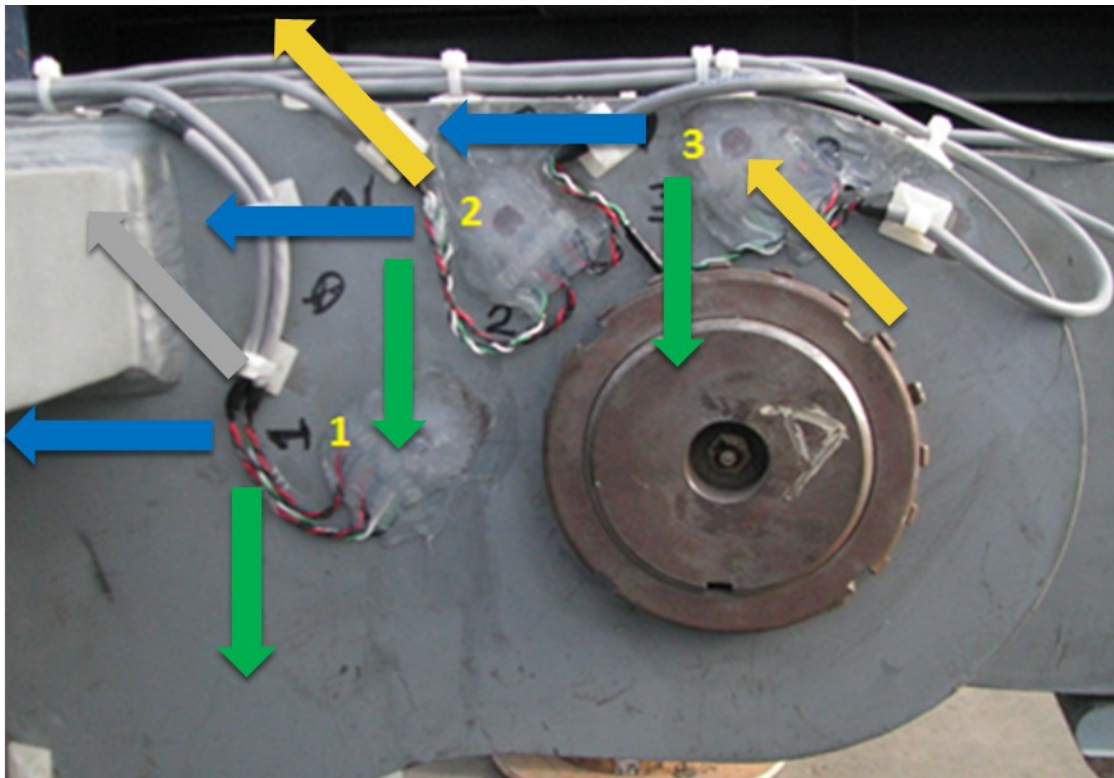
26 no. strain gauges by Kyowa, Japan.

1 no. Strain Indicator by Vishay Micro Measurements, USA.

Test date Jan 2016



A Strain Gauge



Complete installation with strain indicator

Contact us:

DuSense LLC

Tel.: +971.4.8135972

Email: info@dusense.ae

P.O. Box 26855 ,Dubai Investment Park, Dubai, United Arab Emirates