



Vista

Automation

Providing Solutions. Delivering Excellence.

PROJECT REFERENCES

CONDITION MONITORING SYSTEMS

United Arab Emirates:

Dubai Investment Park Pump Station 1 Condition Monitoring System

Scope of Work: Design, Supply, Installation, and Commissioning of the Online Condition (Vibration & Temperature) Monitoring and Protection System for 8 potable water pumps

Solution: Rockwell Automation Dynamix 144 Vibration Modules on ControlLogix processor, Flex RTD Modules, E-Monitor Vibration Analysis and Diagnostics software, Hansford vibration sensors, and Integration with Rockwell Automation SCADA System

Location: Dubai, UAE

Client: Dubai Electricity and Water Authority

Najma Pump Station 2 Condition Monitoring System

Scope of Work: Design, Supply, Installation, and Commissioning of the Online Condition (Vibration & Temperature) Monitoring and Protection System for 8 potable water pumps

Solution: Rockwell Automation Dynamix 144 Vibration Modules on ControlLogix processor, Flex RTD Modules, E-Monitor Vibration Analysis and Diagnostics software, Hansford vibration sensors, and Integration with Schneider SCADA System.

Location: Dubai, UAE

Client: Dubai Electricity and Water Authority

Jabel Ali Sewage Treatment Plant Phase 2 Condition Monitoring System

Scope of Work: Design, Supply, Installation Supervision, and Commissioning of the Condition (Vibration & Temperature) Monitoring System for Six Effluent Pumps

Solution: Rockwell Automation Dynamix 1444 Vibration Modules on CompactLogix processor, CompactLogix RTD Modules, Hansford vibration sensors, and Integration with ABB DCS

Location: Dubai, United Arab Emirates

Client: Dubai Municipality

Jebal Ali RO Plant HP Pumps Condition Monitoring System Retrofit

Scope of Work: Retrofit of the existing Condition Monitoring System including the configuration, analysis the vibration measurement issues, and tuning of the Rockwell Automation vibration modules (XM 120/XM 124) installed for the vibration measurement of RO train HP pumps.

Solution: Rockwell Automation XM Vibration Modules, Hansford sensor, and Integration with Rockwell Automation SCADA System

Location: Dubai, United Arab Emirates

Client: Dubai Electricity & Water Authority (DEWA)

Kingdom of Saudi Arabia:

Ras Al-Khair Sea Water Pump Station Condition Monitoring System

Scope of Work: Design, Supply, Installation Supervision, and Commissioning of the Online Condition (Vibration & Temperature) Monitoring and Protection System for four 3MW Sea Water Intake Pumps

Solution: Rockwell Automation XM Vibration Modules, CompactLogix RTD Modules, E-Monitor Vibration Analysis and Diagnostics software, and Integration with Rockwell Automation SCADA System

Location: Ras Al Khair, Kingdom Saudi Arabia

Client: Royal Commission

King Saud University Chiller Plant Condition Monitoring System

Scope of Work: Design, Supply, Installation, and Commissioning of the Condition (Vibration) Monitoring System for seven chilled water distribution pumps

Solution: Rockwell Automation Dynamix 1444 Vibration Modules, Bentley Nevada Sensors, and Integration with Rockwell Automation SCADA System

Location: Riyadh, Kingdom Saudi Arabia

Client: King Saud University

PBR & EPDM Synthetic Rubber Refrigeration Compressors Condition Monitoring System

Scope of Work: Design, Panel Integration, and Commissioning of the Condition Monitoring System for Refrigeration Compressors

Solution: Bentley Nevada 3500

Location: Jubail, Kingdom Saudi Arabia

Client: Refrigeration Engineering International - KEMYA (SABIC/ExxonMobil)

Poly Methyl Methacrylate Refrigeration Compressors Condition Monitoring System

Scope of Work: Design, Panel Integration, and Commissioning of the Condition Monitoring System for Refrigeration Compressors

Solution: Bentley Nevada 3500

Location: Jubail, Kingdom Saudi Arabia

Client: Refrigeration Engineering International - SAMAC (SABIC /Mitsubishi Rayon)

Shoaiba-Mina Water Transmission System

Scope of Work: Testing and Commissioning of the Condition (Vibration) Monitoring System for 6 Main Desalination Water Pumps (11MW) and 6 Booster pumps (8MW) at Mina Pump Station

Solution: Bentley Nevada 3500

Location: Jeddah, Kingdom Saudi Arabia

Client: SWCC

Sultanate of Oman:

Salalah LPG Project Condition Monitoring System

Scope of Work: Testing and Commissioning of the Condition (Vibration) Monitoring System LPG Plant Refrigeration Compressors

Solution: Bentley Nevada 3500

Location: Dhofar, Oman

Client: Oman Gas

Arab Republic of Egypt:

Basin 3 Liquid Gas Bulk Terminal at Sokhna Port

Scope of Work: Design, Panel Integration, and Commissioning of the Condition Monitoring System for Gas Liquefaction and Refrigeration Compressors

Solution: Bentley Nevada 3500

Location: Sokhna Port, Egypt

Client: Refrigeration Engineering International – Sonker Energy

Vibration Analysis and Diagnostics Software

Scope of Work: Supply, Installation, Configuration of Vibration Analysis and Diagnostics Software

Solution: Rockwell Automation vibration modules (XM 120/XM 124) with E-Monitor Vibration Analysis & Diagnostic Software

Location: Damietta, Egypt

Client: Spanish Egyptian Gas Co. S.A.E (SEGAS)