



MATRIX INTERNATIONAL (UK) LTD.

SPECIAL OIL & GAS CONSIDERATIONS & STANDARDS

Oil & Gas Industry

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1 Oil & Gas Specific Standards

1.1 The ISO/TS 29001 Standard

ISO/TS 29001 specifies a quality management system for Petroleum, petrochemical and natural gas industries.

1.2 Implementation

To ensure adherence to the standard, a Quality management system such as ISO9001 can be used as a framework. Which operates in a loop of what can be abstracted to Leadership → Planning → Support → Operation → Performance → Evaluation → Improvement which then loops back round to the Leadership to implement such improvements for the next iterative cycle.

1.3 Limitation and Extentions

Despite a generalised standard, each implementation is different. Hence Matrix develops a specific mode of operation specific to each task borrowing from other complementary standards which may apply to the system aswell as incorporating any standard the customer requests.

This ensures effective work beyond the minimum of the international Oil & Gas Standards.

2 Oil & Gas Treatment & Supply Integration Concerns

2.1 Existing Computer Systems & Protocols

Whether in an airport or part production, an industrial control system must interact with other computerised systems which exist in the Oil & Gas industry. Integrating with these seamlessly can often require adapting to and understanding said bespoke systems.

Hence, Matrix employs a Agile strategy of work with development operations being flexible to fit around specific or changing customer requirements.

2.2 Maintenance & Support

The Oil & Gas industry is a demanding one, inso far as it operates 24/7.

To Aid such operation, Matrix offer increased computerised maintenance protocols and 24/7 support for all implementations aswell as an extensive method statement portofolio for each project which

is delivered along with each implementation to aid on site maintenance work to tackle common issues.

3 Upgrading & Adapting & Analysing

As with most industries, the Oil & Gas industry is everchanging.

To help improve systems, Matrix offers an integrating analysis platform with each product so that the customer can track quality management as per the international standards independently of Matrix.

This aids the customer in planning upgrades and seeing where one would be beneficial. With Computer APIs, rigorous documentation and build in extensibility, upgrades are easy to be done internally or from any external vendor.