



Asset Data Management for The Energy Sector

Ex Inspections & Maintenance

Maintenance of Explosion-proof Electrical Equipment (Ex) is very important in hazardous areas such as drilling rigs. Regular maintenance of Ex equipment is required by the International regulations and also by the internal company procedures. The main point of keeping explosion-proof equipment under strict control is to minimize the risk of disasters technical installations.

Keel performs inspections, creation and update of drawings, minor repairs, and planning and setting up of all necessary maintenance with regards to requirements of Ex equipment on technical installations in the Energy Sector, particularly offshore drilling units. We help our customers ensure full compliance with both internal company procedures as well as requirements from their clients and authorities.

We cover both the onsite physical work as well as the data management in the maintenance system ensuring a "one stop shop" experience for the customer, instead of using several service companies.

Our CAD engineers create Ex area drawings identifying the location of Ex maintainable items, thereby simplifying the Ex maintenance planning procedure.

Ex maintenance can include:

- Identification of all Ex equipment and setting up Ex maintenance;
- Visual inspections, including applying ID tags;
- Detailed inspections, defect reports registration and minor repairs;
- Creating / correcting Ex area drawings;
- Declassification of Ex equipment;
- Updating data in the maintenance system;
- Retrieving, updating and attaching Ex certificates and other documentation;
- Creating an Ex register;
- Producing Ex maintenance reports in accordance with IECEx and NEC standards

Optimizing the Ex setup makes the maintenance procedure more cost efficient, since too much equipment is typically Ex-classified on technical installations such as drilling rigs.

Our services are specifically developed to collect, optimize and structure asset data for companies that operate in the Oil & Gas Industry.

We specialize in Computerized Maintenance Management Systems (CMMS) such as SAP and IFS. Our highly qualified inspectors are trained and certified by market-leading training providers within electrical safety training.

For more info about our Ex inspection & Maintenance services, please contact:

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