



# DEKRA Safety Platform *Turnaround* Safety

When industrial facilities or refineries face major repairs or renovations, decision makers may opt to shut down operations entirely and carry out the work as part of a **turnaround or STO** (shutdowns, turnarounds and outages). Turnarounds are extremely cost-intensive, labor-intensive and highly complex, involving non-routine work, multiple external contractors, new and shared equipment and many unanticipated situations. These layers of complexity are added to a work environment that is already high-hazard, creating the potential for incidents and accidents that injure people, cause budget overruns, delay timelines, increase regulatory scrutiny and damage reputations. But incidents and accidents can be prevented!

## How does DEKRA's Safety Platform for Turnaround Safety help?

- > Integrates process and data in real time for a holistic overview
- > Allows HSE professionals and managers to plan, conduct and report on safety activities on a central platform
- > Streamlines Permit-to-Work (PTW) processes
- > Connects recommended actions with hazards and exposures
- > Supports IoT connectivity
- > Facilitates detailed reporting of hazards, near misses and incidents
- > Creates, tracks and manages action items
- > Includes emergency response protocols

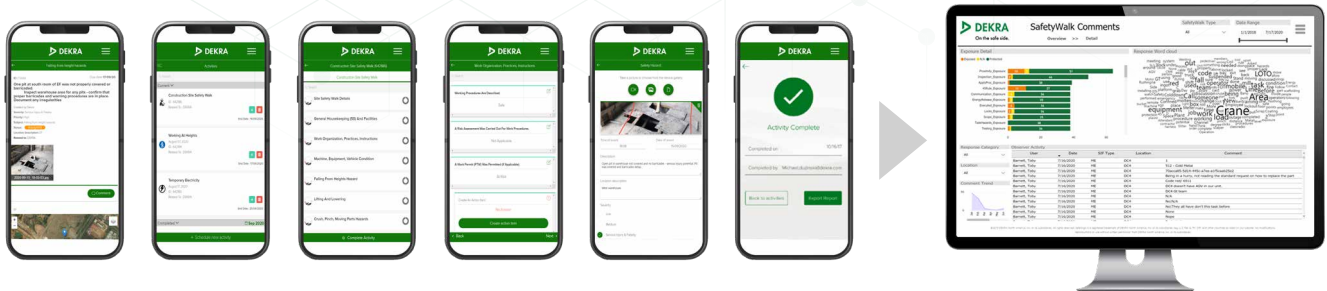
The DEKRA Safety Platform, our cloud-based mobile and web application, supports safe turnarounds while keeping costs within limits and improving efficiency. You can create integrated safety networks that streamline safety operations throughout the turnaround process and across contractor and supplier

teams to facilitate communication and minimize hazards. Working in tandem with your safety management system and HSE professionals, the platform collects real-time data to verify that the right work is done at the right time to ensure safety. It identifies safety gaps, assigns corrective action and confirms its completion. In

case of an incident, it supports response and mitigation activities. Data is available immediately and can be shared easily for smarter communication and real-time decision making.

# A powerful tool set to enable safer turnarounds

Supported by DEKRA's long-standing expertise in safety consulting, the DEKRA Safety Platform (DSP) for Turnaround Safety helps asset owners, project management companies, maintenance contractors and inspection companies work collectively to achieve safety-related performance goals. The DSP also streamlines processes for greater efficiency. For example, the permit-to-work feature allows workers to submit an application from their mobile devices, capturing site details immediately and accurately. Managers and experts benefit from the insights, trends and hotspot analyses generated by the DSP to help with decision making and to focus limited resources on those action areas for maximum impact.



## Detailed guidance in daily work

Worksheets and checklists for onsite workers to schedule and report activities such as Safety Walks or toolbox talks. A dashboard shows planned activities vs. those actually completed. "My Action Items" are marked completed when finished and includes relevant comments in the mobile or web app. The system tracks changes and comments.

## Lean processes. Higher quality

Workflows and action item management allow users to keep up to date with responsibilities and reports in a mobile, easy and convenient way. Integrated system manages workflows, action items, safety reports, Permits-to-Work (PTW), documents, targets, relevant background information, geo-location, IoT device connectivity and more.

## Overview. Insights. Analysis.

Vital information is presented in a clear overview format so that decision makers can gain insights, follow trends and analyze hotspots in order to funnel limited resources to action areas of maximum impact. Keep track of what is and is not running well in the turnaround. Identify concerns and exposures and see patterns. Look at incident and near miss information and create insights to ensure that it won't happen again.

## DEKRA Safety Platform Features

### Technology

- > Cloud based SaaS platform
- > Desktop & mobile application
- > Safety Data Management powered by GOARC
- > GDPR compliant and ISO 27001 certified
- > Regional data hosting

### Workflows & Action Management

- > Standardized processes & workflows
- > Action item and activity management and tracking
- > Multi-lingual, personalization features
- > IoT connectivity (e.g. detectors, alarms) smart PPE integration
- > Permit-to-Work module

### Analytics & Reporting

- > Predictive & prescriptive analytics
- > Real-time information & reports
- > Targets, KPIs, dashboards
- > Incident / near miss reporting & risk mapping
- > Open APIs for custom integration

Contact us now for a live demo of our DEKRA Safety Platform for Turnaround Safety!