

Risk Analysis

Methodically identify, analyze, and mitigate operational risks

Always know what could happen

- Initiate risks from anywhere, whether they're standalone or associated with another process (i.e. corrective actions, customer complaints, or any other module within the platform).

Create mitigation plans

- Optionally set up Failure Mode & Effects Analysis (FMEA) to help drive appropriate actions.
- Specify ranking criteria configured to your unique processes.
- Track actions associated with your mitigation plan and see how they impact the severity of the risks.

Close the loop

- Seamlessly integrate your processes together, so you always know when risks are associated with a specific project, supplier, customer, or process.
- Use self-service reporting layered on top of an in-memory search engine, so you can perform your own data discovery and uncover patterns without involving IT.

The screenshot displays the Devonway Risk Analysis web application. The interface includes a top navigation bar with the Devonway logo, a search bar, and a user profile. A left sidebar contains a navigation menu with categories like 'Recent', 'Assignments', 'Items', and 'Reports & Charts'. The main content area is titled 'Risk' and features a 'New Risk' button. Below this, there are tabs for 'Main', 'Details', and 'Reference'. The 'Main' tab is active, showing a form for a risk entry titled 'Fire permit risk'. The form includes fields for 'Title', 'Owning Group', 'Mitigation Action Plan Description', 'Mitigation Action Plan' (with a dropdown menu), and 'Contingency Action Plan'. A 'Risk Impacts' section allows selecting criteria like Quality, Safety, Schedule, and Cost. A 'Description' field contains the text: 'Fire permits do not cover emergency response procedure and potentially trap employees if permit is in place during a fire event.' Below this, there are sections for 'Probability' (with a scale from 1 - Very Low to 5 - Very High) and 'Impact' (with a scale from 1 - Very Low to 5 - Very High). A 'Risk Score' of 8 is displayed. At the bottom, a 'Risk Assessment' section provides a detailed breakdown of the risk, categorized by People, Environment, Assets, and Reputation, with specific impact levels and descriptions for each category.

Features

✓ User-Friendly Interface

Copy line items up to a specified field to make duplicating partial information easy.

✓ Optional FMEA Template

Choose to integrate Failure Mode & Effects Analysis into your system and export to PDF, Excel, CSV, etc.

✓ Automatic Alerts

Set up scheduled notifications so you're always aware of changes to worrying trends.

✓ Risk Hierarchies

Risks are presented across a hierarchy of individual risks, which roll up to business unit risk areas and general risk categories.

✓ Scoring and Color Codes

Risks include scores and color codes indicating severity level along with associated likelihood and consequence values for calculating the scores.

✓ Seamless Integration

Risks can be directly associated with other DevonWay modules such as CAPA, assessments, customer complaints, observations, etc.

The screenshot displays the DevonWay FMEA software interface. The top section shows a search bar and a list of recent FMEA documents. The main area displays a detailed FMEA process for 'Stamping' and 'Lubrication'. The process is broken down into 'Line Item' and 'Session Attendance' views. The 'Line Item' view shows a table with columns for 'No Action Required', 'Potential Failure Mode', 'Potential Effect(s) of Failure', 'Severity', 'Classification', 'Potential Causes/Mechanisms of Failure', 'Prevention Controls', 'Control', 'Detection', 'RPN', 'Recommended Actions', 'Responsibility', and 'Target Completion Date'. The 'Session Attendance' view shows a table with columns for 'Process', 'Function', 'Potential Failure Mode', 'Potential Effects of Failure', 'Severity', 'Classification', 'Potential Causes/Mechanisms of Failure', 'Prevention Controls', 'Control', 'Detection', 'RPN', 'Recommended Actions', 'Responsibility', and 'Target Completion Date'. The bottom section shows a 'Workflow Steps' bar with 'Initiate', 'Draft', 'Rank', 'Approval', and 'Close' stages.

No Action Required	Potential Failure Mode	Potential Effect(s) of Failure	Severity	Classification	Potential Causes/Mechanisms of Failure	Prevention Controls	Control	Detection	RPN	Recommended Actions	Responsibility	Target Completion Date
Open	No lubrication	May cause galling in the tooling and out of tolerance product.			Initial Set-up error, operator not checking the for the lubricant, lubricant tank is empty.	Follow SOP instructions.	Tooling is galled, dimensions are out of tolerance, QIP inspection.	No action required		Matt Sacks	08/31/2018	
Open	Not enough lubricant	May cause galling in the tooling and out of tolerance product.			May cause galling in the tooling and burrs leading to out of tolerance product. 5 Initial Set-up error.	Follow SOP instructions	Die is pulling slugs, dimensions are out of tolerance, QIP inspection.			Matt Sacks	01/25/2019	
Open	Too little lubricant	May cause the die to pull slugs leading to the die jamming and out of tolerance product.	6	C	Initial set-up error	Follow SOP instructions	Die is pulling slugs, dimensions are out of tolerance, QIP inspection.		36	No actions required	Matt Sacks	12/21/2018
Open	Wrong lubricant	May cause issues with cleaning before plating					Contacts will not plate correctly due to cleaning, tooling is galled, dimensions are out of tolerance			Matt Sacks	05/04/2019	

Platform Features

All DevonWay applications come with standard features built into the platform:

- **Total configuration control**, so your implementation runs precisely the way you need it to.
- **Integrated workflow**, so the right people receive the right tasks at the right time.
- **In-memory ad-hoc reporting**, so you can get data out quickly and easily.
- **Enterprise search**, for instant results across all your structured and unstructured data.
- **iOS, Android, and Windows apps**, so you're never out of reach.
- **Drag-and-drop dashboard management**, for a personalized user experience.
- **Field-level history tracking and audit trail**, for full transparency and out-of-the-box compliance.
- **Role- and authority-based security**, so users only see and touch what you let them.
- **Bookmarks and saved searches**, so you can save time by automating common tasks.
- **Anonymous item initiation**, which encourages users to report incidents without fear of reprisal.
- **Alerts and notifications**, for staying up to date on changing conditions based on triggers you define.
- **Fully managed upgrades**, so you're always current with the latest technology.
- **100% web-based**, so you have nothing to download or maintain.
- **A RESTful web services API**, so you can integrate with your existing systems.
- **Secure and highly available**, with enterprise-class SLAs that protect your data while making it always accessible to you.

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