

# Shiftboard

## Fatigue Risk Management

### Key Benefits

Workforce scheduling is the key to safeguarding workers' physical, mental, and emotional well-being. Failure to mitigate worker fatigue risk can have a profound impact on operational productivity, product quality, worker safety, and turnover. While science-backed labor laws and industry scheduling standards provide necessary guidance for scheduling practices, they are numerous, complex, and ever-changing – making full adherence difficult to operationalize manually.

Powered by one of the most advanced rule engines on the market, Shiftboard makes it effortless to enforce fatigue-related scheduling rules while providing robust exceptions management and auditing tools to mitigate worker fatigue risk with confidence.

#### Reduce Fatigue-Related Incidents

Drive down plant accidents and product problems by preventing worker burnout.

#### Ensure Worker Productivity and Job Satisfaction

Reduce turnover and performance issues associated with long working hours and inadequate rest.

#### Effortless Fatigue-Safe Scheduling

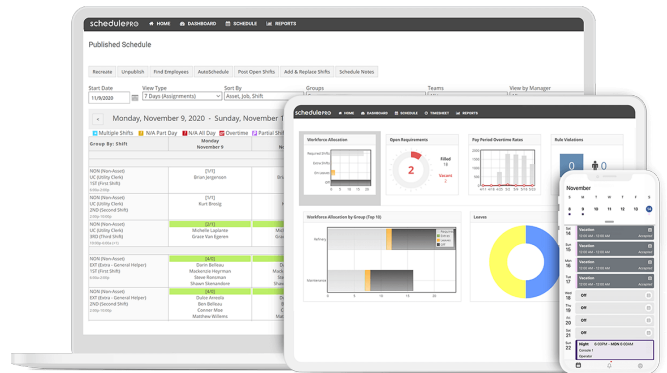
Lessen manual efforts to police fatigue rules so that operational leaders can focus on other essential activities.

### Compliance Guarantee

Backed by the industry's only money-back guarantee, Shiftboard empowers you to adhere to fatigue-related scheduling rules correctly and provide evidence of compliance.

- Proactively makes scheduling recommendations based upon configured rules to avoid fatigue rule violations
- Accurately enforces particular fatigue-related scheduling requirements configured into your software instance
- Tracks exceptions and justifications to manual overrides

For more information, please visit <https://www.shiftboard.com/schedulepro-compliance-guarantee/>

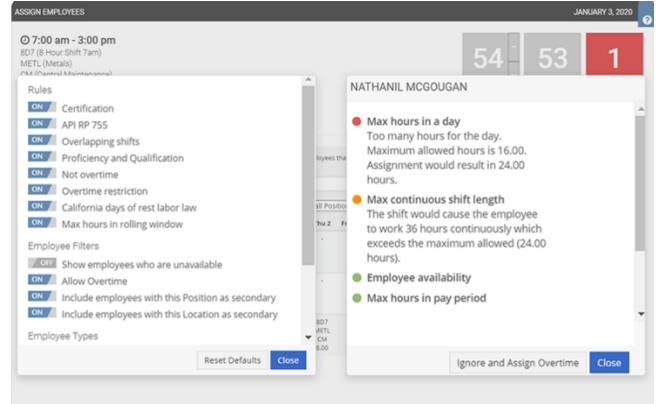


# Capabilities

## Offers Comprehensive Fatigue Rules Coverage

Every fatigue-related scheduling rule and edge case can profoundly impact worker fatigue level. Highly configurable, Shiftboard's rich rules library leaves no stones unturned. The breadth and depth of rules include, but are not limited to:

- Rest between shifts and work sets
- Maximum shift length
- Maximum hours in a day
- Maximum number of consecutive shifts
- Maximum number of consecutive night shifts
- Rule exceptions during maintenance or turnarounds
- Industry fatigue standards such as API RP 755 and PHMSA CFR 49



## Mitigates Fatigue Risk Proactively

Prevention is better than cure. Shiftboard's robust rules engine automatically checks and enforces your schedules against all fatigue-related requirements so that you can proactively avoid and rectify any issues.

- Validates schedules against all fatigue-related requirements and provides rule check results in real-time
- Blocks rule violating assignments automatically
- Offers instant alerts and clear explanations for scheduling errors caused by manual schedule edits

## Supports Exceptions Management and Auditing Needs

Exceptions management and proof of compliance are essential in today's demanding operations. Shiftboard empowers you to make informed overriding decisions and back them up with ease.

- Offers easy-to-use mechanisms to override fatigue rules
- Enhances rule override decisions with insights such as rule impact and severity
- Supports the documentation of justification for rule deviations
- Provides a comprehensive audit trail for schedule history investigation
- Generates detailed audit reports for rule deviations

**Work Rule Audit Report**  
Thursday, April 29, 2021 - Wednesday, May 5, 2021  
All Position/Location

First Name	Last Name	Date	POS	LOC	Shift	Work Rule Name	Work Rule Detail	Work Rule Failure Justification
J	Nippard	4-30-2021	OP	MIX	GYP	Max hours in a day	Too many hours for the day. Maximum allowed hours is 18.00. Assignment would result in 24.00 hours.	Plant emergency. Short-handed.
W	Robertson	4-30-2021	OP	FEED	GYP	Max continuous shift length	The shift would cause the employee to work 36 hours continuously which exceeds the maximum allowed (16.00 hours).	Last-minute order spikes.
D	Rossi	4-30-2021	OP	FEED	GYP	Max continuous shift length	The shift would cause the employee to work 36 hours continuously which exceeds the maximum allowed (16.00 hours).	The employee is the only person with the required skills on-site.

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