

Overview

Diagrams

RCA Tree

Evidence AI Reasoning

Export

History

Settings

## Analysis Summary

### Issue Description

PUMP FAILED

### Equipment Details

**Type:** Centrifugal Pump

**ID:** 371PU002B

**Location:** 3445

### Root Cause Analysis

Process Deviation; Mechanical Component Failure

### Recommendations

- Review operating parameters and implement process controls

80%

Confidence Score

completed

Status

July 20, 2025 at

11:27 PM

Completed

## Operating Parameters

Problem Type

Intermittent

Who Detected

Operator

Non Oem Parts

NO

Operator Name

AUTO

Event Datetime

2025-07-17T23:26

Operating Mode

Running

Operator Error

NO

Recent Changes

NO

Process Impacts

NO

<div><div>System Involved</div><div>WATER</div></div>	<div><div>Alarms Triggered</div><div>NO</div></div>	<div><div>Detection Method</div><div>Visual Inspection</div></div>
<div><div>Symptom Location</div><div>SEAL LEAK</div></div>	<div><div>Training Details</div><div>OK</div></div>	<div><div>Installation Year</div><div>2000</div></div>
<div><div>Equipment Category</div><div>rotating</div></div>	<div><div>Spare Parts Issues</div><div>NO</div></div>	<div><div>Concurrent Failures</div><div>NO</div></div>
<div><div>External Influences</div><div>NO</div></div>	<div><div>Procedures Followed</div><div>YES</div></div>	<div><div>Recent Work Details</div><div>NO</div></div>
<div><div>Equipment Subcategory</div><div>pumps</div></div>	<div><div>Last Maintenance Date</div><div>2025-07-17</div></div>	<div><div>Last Maintenance Type</div><div>Preventive</div></div>
<div><div>Recent Process Upsets</div><div>NO</div></div>	<div><div>Material Certification</div><div>GOOD</div></div>	<div><div>Cybersecurity Incidents</div><div>NO</div></div>
<div><div>Operating Within Limits</div><div>NO</div></div>	<div><div>Environmental Conditions</div><div>OK</div></div>	<div><div>Similar Failures History</div><div>NO</div></div>
<div><div>Safety Environmental Impact</div><div>NO</div></div>		