# What is RGM2 **Reliability Centered Maintenance**



A process to determine what's needed to ensure that physical assets continue to operate at peak performance.



# How do you implement a Reliability **Centered Maintenance program?**

There are three phases of a Reliability-**Centered Maintenance program** 



SELECT

Equipment for RCM analysis that is:

**Critical to operations** 

Subject to the cost of repair vs. replace debate

Included in previous spending on PM.

ASK yourself these questions to select the best candidate: Could failure...

affect safety?



have a significant impact on operations?

\$

increase costs and decrease profits?



Does this failure mode result in full or partial outages?

## ACT

Phase 3

SELECT

the right strategy

for failure

management by

understanding:

Act on the study's recommendations to update asset and maintenance systems, procedures, and design improvements.

The failure modes

Criticality of equipment

The economic impact of failure



1

2

#### **Select Maintenance Tasks**

### **FAILURE MANAGEMENT TECHNIQUES** CAN BE GROUPED INTO **2** CATEGORIES:

Proactive tasks: Preventive and Predictive Maintenance techniques are performed to prevent failure of a piece of equipment or system.

**Default actions:** Firefighting, or Reactive Maintenance, deals with failures after the fact. Run-to-failure is a tactic where equipment is run until it fails, and then work is performed.

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