

Confidence depends on connection

Integrated detection, control, response and verification can help strengthen combustion safety, uptime and operational confidence across high-risk oil and gas operations.

One connected combustion architecture

Industrial flame monitoring, **burner management controls**, **MAXON shutoff valves** and **partial stroke testing technology** for compatible MAXON valves can work together as part of a more coordinated combustion approach.

1. Detect

Industrial Flame Monitoring
Provides visibility into flame presence and changing combustion conditions to help operators identify abnormal events sooner and understand combustion conditions more clearly across the process.

2. Control

Burner Management Controls
Coordinates startup, shutdown and response sequences to help support greater consistency in critical combustion actions across operating conditions.

3. Respond

MAXON Safety Shutoff Valves
Helps isolate fuel quickly when conditions require action, supporting safer and more dependable shutdown response to help reduce avoidable disruption.

4. Verify

MAXON PSCheck Partial Stroke Testing
Provides insight into valve readiness for compatible MAXON safety shutoff valves, supporting maintenance planning, shutdown confidence and ongoing awareness of critical valve condition.

What a connected approach helps support

By improving visibility into changing conditions, aligning control and response actions and providing greater insight into valve readiness, these technologies can help operators:

- Recognize abnormal events sooner and respond with greater coordination
- Support more stable combustion and consistent control across operating conditions
- Improve fuel isolation, shutdown confidence and operational continuity
- Strengthen maintenance planning, system readiness and support for compliance objectives



One missed event can trigger major disruption

A delayed or uncoordinated combustion response can affect safety, uptime, recovery time and production continuity.

Avoidable trips impact more than production

They can also increase troubleshooting time, recovery complexity and uncertainty across operations.

Oil and gas operations depend on combustion systems that can respond reliably under demanding conditions. Our flame detection, burner management, fuel shutoff and valve diagnostics work together to help give operators visibility into system conditions.

Because we know a reliable response starts with a connected view.

Honeywell Technologies

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