Flares are often overlooked in refineries and chemical plants. Unfortunately, failure to properly inspect and maintain your flares could result in:

- Poor combustion efficiency
- Pilot outages
- Re-ignition issues
- Progressive damage to your flare
- Smoke due to operational issues or damage
- Structural degradation
- Leaks (steam/fuel)
- Saturated steam corrosion
- Noise
- Punitive regulatory action
- Outage due to flare failure

Almost anyone can purchase and fly a drone. But that doesn’t mean they should be inspecting your flares. Do they know what to look for? Are they using high-quality imaging equipment? Do they have experience in facilities like yours?

As a global leader in the design, manufacture and installation of flares, John Zink Hamworthy Combustion (JZHC) brings unmatched experience and expertise to every inspection. Our comprehensive inspection reports address both the condition and operation of your flare. So, whether you partner with JZHC and one of our aerial inspection industry leaders on photography, or already have images ready to review, we can provide a solution to best suit you.

Every JZHC industrial flare inspection is backed by:

- Extensive knowledge of flare components and ancillary equipment
- Hazard recognition and mitigation (JSA)
- Thorough checklists and safety procedures
- Continuous improvement review of every project
- Extensive refinery/chemical plant experience
**Comprehensive Inspections for Maximum Performance**
Proven in thousands of facilities around the world, John Zink Hamworthy Combustion flares are designed to provide unsurpassed reliability, safety, and efficiency. We bring this extensive experience to every flare inspection. In short, we know flares. And we use that knowledge to inspect, analyze and report on the condition and operations of your flare, with recommended solutions to optimize performance and efficiency.

**Our flare inspections include:**
+ Aerial imaging of the flare tip, pilots, stack, ladders and platforms, molecular seal and steam lines
+ High-resolution images
+ Infrared images
+ Visual inspection of equipment at grade including pilot control panels, gauges, regulators and steam equipment
+ Visual inspection of ancillary equipment such as KO drums, water seals, flare conduit and piping

**When To Schedule An Inspection**
Annual inspections of your flares are key to maximizing the performance of your equipment and keeping operating costs in check. Scheduling a comprehensive flare inspection one year to nine months prior to a turnaround can greatly simplify the planning process and streamline the turnaround itself.

**Pre-turnaround Inspection Benefits**
+ Prevent prolonged outage
+ Accurate T/A scope of work
+ Aid turnaround planner’s scheduling
+ Eliminate expediting cost
+ Enable advanced sourcing of labor and materials

**Annual Inspection Benefits**
+ Develop equipment baseline
+ Proactively identify operational issues before they become problems
+ Avoid regulatory issues
+ Increase flare efficiency through optimized performance
+ Can be integrated into fixed equipment reliability program

SIMPLIFY
your turnaround planning and save money in the long-run with a comprehensive annual flare inspection.

**GLOBAL REACH**
JZHC has locations all over the map, with thousands of employees worldwide.