

# ZEECO PILOT TESTING



BURNERS | FLARES | THERMAL OXIDIZERS | VAPOR CONTROL | RENTALS | AFTERMARKET



HSLF Flare Pilot

## Pilot Testing Per API 537

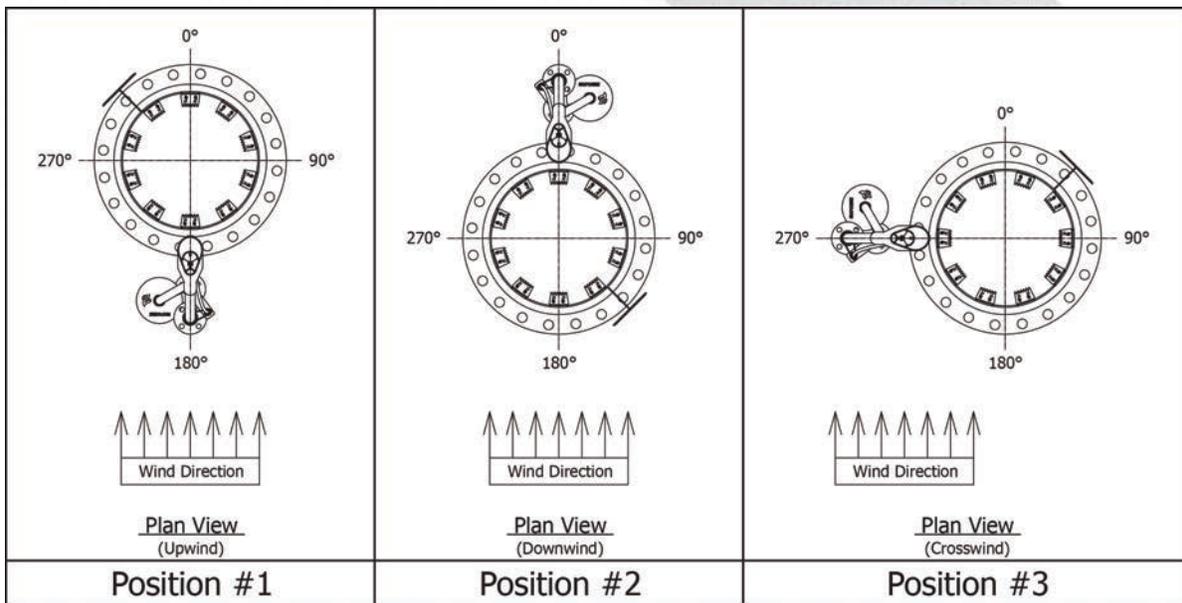
Flare systems operate as a critical safety device within plants to combust and reduce gas reliefs to safe compositions, protecting nearby personnel and equipment. A stable, reliable, and robust pilot is the most critical component in a flare system because the pilot initiates and ensures combustion. Zeeco is proud to offer pilots tested and proven to meet American Petroleum Institute (API) 537 standards.

Given the criticality of reliable performance by flare pilots, industry leaders and international experts came together as The API and set criteria for evaluating acceptable flare pilot performance. Acceptable pilot performance in simulated, adverse conditions insures equipment operators and the public that safe and reliable flare stream destruction will be achieved. API is responsible for maintaining nearly 700 globally accepted industry standards designed to ensure reasonable expectations for real world performance.

Zeeco has installed an API-recommended test stand to test and prove the suitability of our pilot designs, to develop and test future pilot technologies, and to offer this assurance to our customers. The ZEECO® HSLF-Z pilot meets recommended API 537 testing and has been proven in wind speeds and rainfall rates that far exceed the recommended minimums of 140 km/h (85 mph) for wind speeds and 50 mm/h (2 in/h) for rainfall. To ensure your flare equipment meets safety expectations and API 537 requirements, choose a ZEECO flare pilot.



To view the HSLF hurricane test video, visit [www.zeeco.com/pilots](http://www.zeeco.com/pilots)



Ignition Source	Position	Tested Conditions	
		Wind Velocity km/hr (mi/hr) 274 (170)	"Rainfall" Rate cm/hr (in/hr) 130 (51)
HEI	1	Ignition confirmed and sustained	Ignition confirmed and sustained
	2		
	3		
FFG	1	Ignition confirmed and sustained	Ignition confirmed and sustained
	2		
	3		

**EACH ZEECO HSLF PILOT IS BENCH TESTED PRIOR TO SHIPPING**



## The Zeeco Difference

By concentrating on what we do best, Zeeco has grown into a worldwide leader in combustion and environmental solutions. We are a privately held company whose ownership stays highly involved in daily operations, with upper management comprised of the world's leading combustion experts.

When you call Zeeco, we answer. When you make a request, you get a quick, efficient response. We are lean and efficient, able to make decisions quickly, without bureaucracy and red tape. Our sales, engineering, and purchasing groups work hand-in-hand to deliver highly competitive quotes and heroic turnaround times. We stand ready and willing to travel anywhere in the world to discuss upcoming projects firsthand, and to ensure that every existing project runs seamlessly.

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