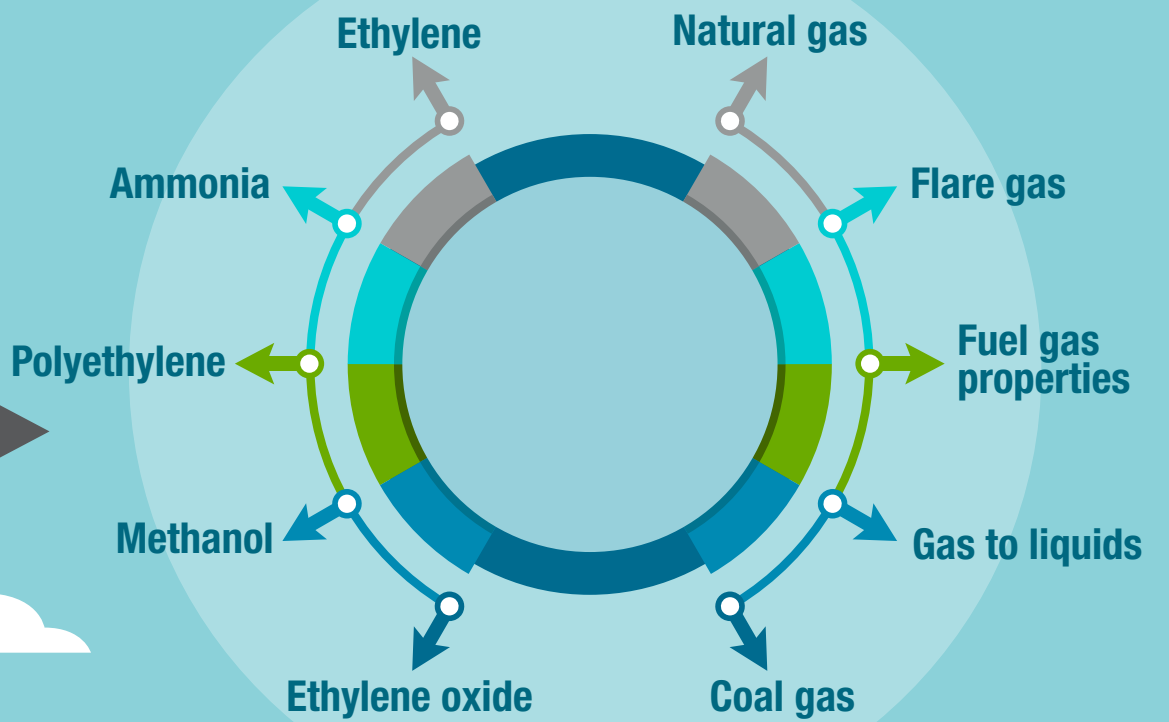


# 5 Reasons to use Process Mass Spectrometry in Flare Stack Emission Monitoring

**1 Measure**  
flare gas & process streams with a single analyzer – full stream composition in 30 seconds or less.

**PROCESS STREAMS**

**FLARE GAS STREAMS**



**2 Comply**  
with regulations 40 CFR Parts 60 & 63 and 40 CFR part 60 (subpart ja). Report net heating value and sulfur.

**3 Linearity**  
superior to gas chromatography. Prima PRO scanning magnetic sector MS, performance verified by accredited laboratory Effectech.

**H<sub>2</sub>S Measured Concentration %mol**

Actual	Measured
0	0
10	10
20	20
30	30
40	40
50	50
60	60
70	70
80	80
90	90
100	100

**4 Optimization**  
on a per-stream basis of an unlimited number of analysis methods with GasWorks® Software.

peak height = concentration %

**5 Proven**  
availability >99% with 6 monthly automated calibration methods. #1 world's market leading process MS.

Thermo Scientific™ Prima PRO



Find out more at [thermofisher.com/flaregases](https://thermofisher.com/flaregases)