PORTABLE MOBILE FLARE

Engineering a Safer World

SELF-CONTAINED COMBUSTION FOR TEMPORARY AND REMOTE OPERATIONS

Well testing, pipeline tie-ins, and remote operations generate gas that needs safe disposal on a timeline and at a location where building permanent flare infrastructure is not justified by the duration of use.

CRA's Portable and Mobile Flares integrate the burner, pilot assembly, ignition panel, and flow control into a single trailer-mounted or skid-mounted unit before it leaves CRA's facility. On arrival, the unit connects to the gas source through flexible hose or quick-connect fittings, without permanent piping or civil work. Automated pilots and flame monitoring maintain safe, continuous combustion for the duration of the deployment.

Standard portable flares include continuous-pilot ignition with redundant electronic ignition (high-energy or flame-front generator) and flame detection, engineered under the same ISO 9001 quality system and API 537, API 521 design basis as every CRA flare.



CRA ADVANTAGE

+ Rapid Set-Up (trailer or skid-mounted design for fast mobilization)	+ Optimal Design & Performance + Accomodate Special Requirements
+ Highly Transportable (compact, mobile systems moved between locations)	+ On-Time Delivery + Responsive & Organized Team
+ Safe Combustion (integrated pilots, ignition, and controls for field reliability)	+ Stringent Quality Management + Fast Turnaround
+ Field-Proven Design (engineered for durability across repeat deployments)	+ Cost Effective Maintenance Packages + Long-Term CRA Support

APPLICATIONS

Supplied for rapid deployment and safe combustion of waste gases in temporary, remote, or emergency applications

+ Low-BTU Gas Disposal
+ Hydrocarbon Vent And Purge Gases
+ LNG And Petrochemical Flaring
+ Emergency Relief And Upset Conditions
+ Acid Gas And Sour Gas Flaring
+ Off-Spec Gas Disposal

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ISO 9001 QUALITY ASSURANCE MANAGEMENT

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WORKING & PERFORMANCE

Engineering a Safer World

INTEGRATED BURNER, IGNITION, AND CONTROLS ARRIVE READY TO CONNECT

WORKING

+ The burner, pilot assembly, ignition panel, and flow control are integrated into a single trailer-mounted or skid-mounted unit before it leaves CRA's facility

+ On arrival, the unit connects to the gas source through flexible hose or quick-connect fittings, without permanent piping or civil work

+ Continuous-pilot ignition runs with redundant electronic ignition (high-energy or flame-front generator) and flame detection as standard

+ Pilot fuel is taken from the process gas where compatible, or supplied from an integrated propane tank

+ Between deployments, the unit is inspected, pressure-tested, and re-certified before release for the next assignment

DEPLOYMENT AT A GLANCE

+ Mount: Trailer Or Skid

+ Setup Time: Same Day

+ Pilot Fuel: Process Gas Or Propane

+ Standards: API 537, API 521

+ Redundant Electronic Ignition Standard

A portable mobile flare makes sense when flaring needs are temporary, intermittent, or geographically distributed; a permanent installation is the better fit when the same site will flare continuously for years.

TYPICAL DESIGN & PERFORMANCE PARAMETERS

Mount configuration	Trailer or skid
Setup time	Same day from arrival
Applicable standards	API 537, API 521
Ignition	Continuous pilot with redundant electronic ignition (high-energy or flame-front generator) and flame detection
Pilot fuel source	Process gas where compatible, or integrated propane tank
Best-fit scenarios	Plant turnarounds, well testing, pipeline commissioning, remote operations

Figures per CRA published product data.

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QUALITY ASSURANCE MANAGEMENT ISO 9001

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