



The Beginning

Argo Flare Services Ltd was formed in 2001 by ex-Kaldair staff looking to offer the Offshore Oil and Gas industry an operational support service not seen before from any flare company.

With expertise covering all aspects of flare design, project management, commissioning, inspection, maintenance and refurbishment Argo Flare Services' experienced engineers will support you throughout the operational life of the flare system.

Argo has achieved accreditation of its QMS to the latest ISO9001:2015 standard (BSI certificate of registration number FS 648830). This has enabled Argo to offer its services, equipment and expertise to a wider customer base.



From this to this

Coanda Flare Technology

Originally developed by BP and Kaldair, Argo Flare Services have developed a number of design enhancements for these flares that are proven to extend flare tip lifecycle.

Flare Refurbishment

● FlareRepair

Argo has carried out many flare inspection and refurbishment contracts for clients such as Apache, BP, Bluewater, Maersk, Shell, Statoil and Talisman. We provide the following service:

- Take delivery of the used flares
- Dismantle, degrease, shot-blast, NDE and inspect the flare tip
- Provide a report with dimensional analysis, suitability and cost for refurbishment
- Identify design improvements based on failure mode, with the aim to improve tip lifecycle
- Supply 'as new' flare tip complete with mechanical warranty
- Liaison with the flare change-out contractor and commissioning services

Flare Inspection

● FlareCare

There are two main methods of inspecting flares in-situ. Either, physically at the flare deck (close visual inspection) or via photographic and video media (remote visual inspection). Argo provides both services, the latter ("Flyby" inspection) if a platform or plant flare shutdown is not possible. We have the two most experienced flare inspectors available today. Deliverables include:

- A detailed report outlining defects and expected tip lifetime, failure modes
- Remedial, medium and long term actions
- Spares identification
- Capacity, radiation and noise studies
- Ignition system review and optimisation

A flare inspection 6-12 months prior to your scheduled shutdown will save you money.



Flare Design & Supply

Argo designs and supplies bespoke flare systems to meet operator requirements including:

- Sonic single point, multi point sonic and Coanda flares
- Low pressure sub-sonic pipe flares
- Sonic and sub-sonic vent systems
- Electronic, flame front and pellet ignition systems
- Flare and vent upgrade studies including hydraulic, radiation, noise, dispersion, design and materials analysis
- Installation and commissioning support

Combining the extensive experience of flare tip inspection, with in-house flare design expertise enables Argo to continually review the performance and robustness of all flare types. This continual process of operational performance feedback enables our engineers to identify and propose potential replacement flare tip design enhancements ahead of costly flare tip changeout activities.



Multipoint Flares

Argo supply both new and refurbished sonic multipoint flare tips with design enhancements to tackle the common problem of internal burning and flare tip lifecycle.

SPARE PARTS AND INTERCHANGEABILITY RECORD										ARGO FLARE SERVICES LTD.		
CLIENT	REF. NO.	EQ. NO.	DESCRIPTION	QTY	UNIT PRICE	TOTAL	NOTES	REVISION	DATE	ISSUED BY	ARGO LOGO	
4	1	1	FLARE ASSEMBLY	4	12,100.00	48,400.00					ARGO	
4	1	1	FLARE ASSEMBLY	4	12,100.00	48,400.00					ARGO	
4	1	1	FLARE ASSEMBLY	4	12,100.00	48,400.00					ARGO	

Flare Spares

• FlareSpare

Argo is uniquely placed to source all your flare spares. From capital spares such as flare tips and pilots to minor spares for electronic, flame front and pellet ignition systems such as pressure gauges, valves, PCV spares kits, cable, transformers, ignitors, thermocouples and ignition pellets.

Argo is used as a consultancy and spares supply source by term contractors & asset managers. We will audit your spares inventory and fill in the gaps where necessary. Argo also specifies and supplies, nuts, bolts, gaskets and flange shields for flare terminations. These are provided with a joint make-up procedure to eliminate the potential of base flange leakage – a frequent problem with flares.

Flare Crisis Management

Our engineers aim to be available to assist operators and key customers at short notice particularly if a flaring issue is impacting a shutdown or operations. Argo engineers are familiar with most flare tip designs regardless of the original equipment manufacturer. The company has supported numerous operators with equipment, parts and engineering when required on an urgent basis.





Alistair Blest
Business Manager



Andy Tallentire
Applications Manager



Ray Seale
Projects Manager



Paul Sharman
Snr. Mech Engineer

“TOTAL FLARE SERVICE IS OUR GOAL”

Visit the “Research Area” within our website for further information on flares and ignition systems

www.argoflares.com

- FlareCare
- FlareRepair
- FlareSpare



Argo Flare Services Ltd
43 High Street
Marlow, Buckinghamshire
SL7 1BA
UK

Tel: +44 (0)1628 478776
Email: sales@argoflares.com
Web: www.argoflares.com