



J-Etna™

J-Etna™ is a low order explosive EOD tool intended specifically for the Humanitarian Mine Action (HMA) community. Based on the Vulcan™ for its performance but utilising a binary liquid explosive filling, of which neither of the two parts are individually classified as explosive, they are both supplied with charges but only mixed as and when required. The purpose of this binary liquid explosive, known as Alford's Liquid Explosive (ALX™) is to overcome the unique challenges in obtaining, storing and moving explosives which are encountered on HMA operations.

J-Etna incorporates a metal alloy Jet Forming Cone (JFC) for inducing the low order destruction of munitions through deflagration. The JFC is capable of penetrating up to 27mm of munition casing material before igniting and deflagrating its main filling.

In addition to incorporating ten J-Etna charges and the ALX binary explosive, each kit includes filling tools, user instructions, protective gloves and eye protection.

Features include:

- > The individual components of the binary liquid explosive are easy to transport and store
- > Incorporates the projectile from the renowned Vulcan charge
- > Induces deflagration on a wide variety of munitions
- > Low NEQ and consistent results

ALFORD
WHEN YOU CAN'T AFFORD TO FAIL

Note: Unlike the Vulcan, the body of the J-Etna is sealed, therefore the NEQ is not variable and the project cannot be changed.

The components of ALX are provided in low volume and simple to use containers, and when unmixed are not individually classified as explosives. This enables easy transportation, storage and loading.

The explosively formed metal alloy projectile ignites and deflagrates explosive targets without causing detonation.



Filling J-Etna with binary liquid explosive

Specifications

NEQ	78g
JFC	Metal Alloy
Part No.	ET2901



Before Low-Order



A successful Low-Order using J-Etna



Ensuring detonator fit one filled with Alford's Liquid Explosive (ALX)

For further information

Contact sales@explosives.net, telephone +44(0)1249 65 1111 or speak to your authorised Alford representative.

Other products to consider:

W-Etna™ -high explosive IED disruption tool for HMA community

Humanitarian Demining
Vulcan™ – for NGOs & demining organisations

Vulcan™ Counter-Limpet Mine System – for maritime EOD tasks

QMod™ & MajorMod™ – for a medium sized water-tamped disruptor



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