

WASC 2184

WAI 584

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- ROF

Explosives Division

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**ROYAL
ORDNANCE
FACTORIES**

EXPLOSIVES DIVISION

ROYAL ORDNANCE FACTORIES

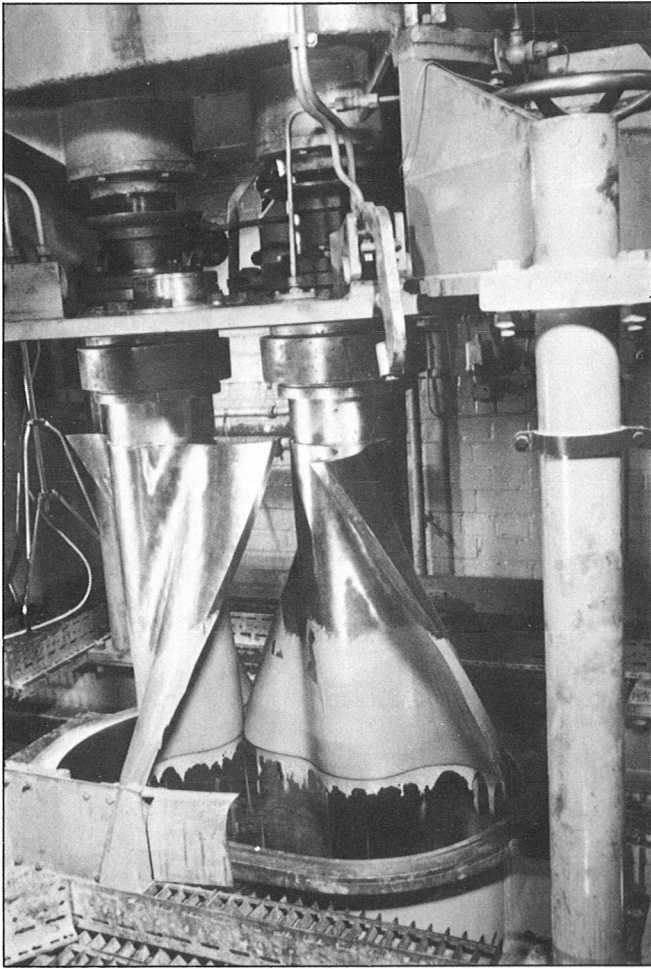
The Explosives Division was formed in the Spring of 1984 as part of the restructuring of the Royal Ordnance Factories organisation. It is one of four Divisions and its five sites make up the principal national capability in the related fields of explosives, propellants and rocket motors. This comprehensive resource now under a single management structure within the ROFs represents a powerful industrial force able to serve the Ministry of Defence, prime contractors and the other Divisions of the ROFs in this specialised technical area. Comprehensive facilities enable a wide range of production activities to be fully supported by research and development capabilities in the fields of military explosives, gun and rocket propellants, rocket motors, packaged liquid engines, gas generators and combustible cartridge cases, as well as chemical products used in the explosives industry.

This new Division builds upon the established strength of the Royal Ordnance Factories with new expertise, skills and resources to provide an integrated and effective service to defence industries worldwide.



BAe Sea Skua anti-ship missiles. Boost and sustain rocket motors by the Explosives Division.

Composite Rubbery Propellant Mixer.



ROF Westcott

The UK centre for research, design, development and in selected cases production of all types of solid propellant rocket motors, liquid propellant engines, power cartridges and gas generation systems for auxiliary power units.

IMI Summerfield

An agency factory owned by the ROFs and operated on their behalf by IMI (Kynoch) Limited. Its activities include research, design, development and production of cast double base (CDB) rocket motors and ancillary equipment.

ROF Bishopton

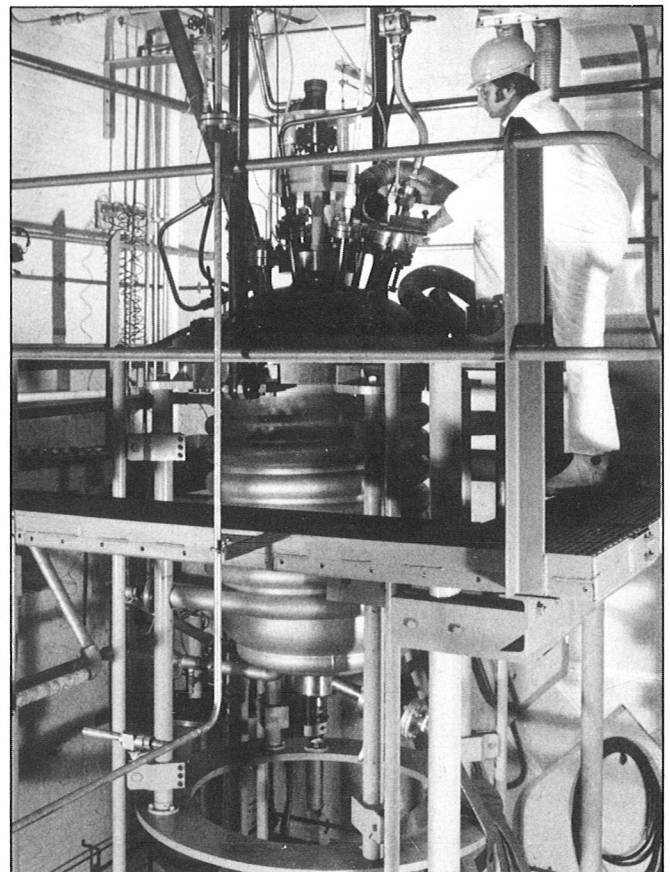
The main UK propellant factory for a wide range of compositions covering both ammunition as well as extruded and cast double base propellants for rocket motors. Other activities include the assembly of rocket motors, mortar bombs and phosphorus shells and the break-down of redundant ammunition.

ROF Bridgwater

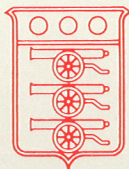
The main UK producer of high explosives for filling a wide range of ammunition as well as manufacturer and filling factory for rubbery and plastic composite propellants.

ROF Waltham Abbey

Responsible for research and development on solid gun, small arms and rocket propellants, initiatory explosives and some high explosive compositions.



500 litre Pressure Reactor.



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