



ATF-LS-E02 Explosives Sections Abbreviations	Published Online: March 2018
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Unofficial Copy; May Not Be Most Current Version	Page: 1 of 1

ANFO:	Ammonium nitrate and fuel oil
AN:	Ammonium nitrate
BP:	Black powder
CAN:	Ammonium nitrate with calcium carbonate
DB:	Double base. As in DBSP, double base smokeless powder
DEGDN:	Diethylene glycol dinitrate
EDS:	Energy Dispersive X-Ray Spectrometry
EGDN:	Ethylene glycol dinitrate
GC:	Gas/Liquid Chromatography. Includes MS (mass spectrometry), and other detectors.
HMX:	Cyclotetramethylene tetranitramine (also octogen)
IC:	Ion chromatography
IR:	Infrared examination. This can include Fourier Transform Infrared (FTIR) technology.
IST:	Ignition Susceptibility Test
LC:	Liquid chromatography. Includes HPLC (High Performance Liquid Chromatography) and UPLC (Ultra Performance Liquid Chromatography)
MS:	Mass spectrometry
MTN:	Metriol trinitrate
NC:	Nitrocellulose
NG:	Nitroglycerin
PETN:	Pentaerythritol tetranitrate
PLM:	Polarized light microscopy
RDX:	Cyclotrimethylene trinitramine (also hexogen)
SEM:	Scanning electron microscope
SB:	Single base. As in SBSP, single base smokeless powder
SP:	Smokeless powder
TLC:	Thin layer chromatography
TNT:	Trinitrotoluene
XRF:	X-Ray Fluorescence Spectrometry
XRD:	X-Ray Diffraction, also known as X-Ray Powder Diffraction or XRPD