**Appendix A**

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**Appendix B**

*Additional terms related to high-level blast (HLB)*

Acute blast; Acute blast effect; Acute blast exposure; Acute Blast overpressure exposure; Acute BOP exposure; Acute to subacute effects of blast; Acute-high level blast exposure; Blast attacks; Blast entries; Blast environments; Blast event; Blast explosion; Blast explosive waves; Blast exposure from an improvised explosive device; Blast exposure(s); Blast forces; Blast in combat; Blast induced injury(ies); Blast injury(ies); Blast intensity levels; Blast levels; Blast loading; Blast magnitude; Blast overpressure (BOP); Blast overpressure exposure; Blast overpressure injury; Blast overpressure shock wave; Blast overpressures; Blast pathophysiology; Blast pressure exposure; Blast scenarios; Blast shock wave; Blast TBI; Blast test area; Blast wave exposure; Blast wave(s); Blast(s); Blast-associated sensory and cognitive trauma; Blast-exposure; Blast-induced neurological deficits; Blast-induced neurotrauma; Blast-induced ocular injury; Blast-induced TBI; Blast-induced TBI (biTBI); Blast-induced traumatic brain injury; Blasting; Blast-pressure wave exposure; Blast-related barotraumas; Blast-related head trauma; Blast-related mild traumatic brain injury; Blast-related mTBIs; Blast-related postconcussion syndrome; Blast-related sensory trauma; Blast-related TBI; Blasts at close range; Blast-wave overpressure peak; Blast-wave trauma; BOP shockwaves; BOP wave; C4 high explosive; Chronic blast exposure; Clinical blast exposure; Close range explosives; Combat blasts; Detonation pulse; Detonation(s); Expanding blast wave; Explosion(s); Explosive blast exposures; Explosive blast injury; Explosive blast(s); Explosive blast-wave exposure; Explosive detonations of conventional or improvised explosives; Explosive event; Explosive impulses; Explosive munitions; Explosive pressure wave; Exposure to blast; Exposure to improvised explosive devices and/or other battle field related blast waves; High explosive blasts; High explosive blasts during combat; High explosives; High intensity blast exposures; High intensity blasts; High levels of blast overpressure; High overpressure blast levels; High pressure blast waves; High-energy blast exposures; High-energy blast waves; High-energy impulse noise; High-energy open-field explosions; High-energy, high-velocity blast waves; Higher intensity blast exposure; Higher level blast exposure; Higher-level blast; High-explosive charges; High-impact blast; High-intensity blast; High-intensity blast exposures; High-intensity blast waves; High-intensity blasts; High-level blast exposure(s); High-level blasts; High-level BOP; High-pressure blast waves; IED blast; Improvised explosive devices (IEDs); Impulse noise; Impulse noise exposure; Injuries from secondary blast; Isolated blast; Isolated blast exposure; Large magnitude blast; Military blast exposure; Moderate blast cases; Moderate primary blast exposure; Moderate to high BOP exposure; Moderate- to high-intensity explosions; Moderate to severe blast injury; Moderate-to-high-intensity blast; Multiple blast exposure; Open file exposure; Open-field shockwave; Operational blast exposure; Overpressure exposure; Overpressure wave(s); Overpressure(s); Overpressurization wave; Pressure required to induce severe, blast-induced TBI; Pressure waves; Primary blast; Primary blast exposure; Primary blast injury(ies); Primary blast shock wave; Primary blast wave(s); Primary blast-induced brain injury; Primary explosion; Primary overpressure exposure; Propagating pressure wave; Quaternary Blast injury(ies); Quinary blast injury; Relatively high-energy blast; Relatively high-intensity blasts; Relatively powerful blast exposure(s); Repeated blast overpressure; Repeated blast overpressure on mission; Repeated exposure to blast overpressure; Secondary blast injury(s); Shock wave; Single blast exposure; Single blast overpressure; Stronger explosive blasts; Tertiary blast; Tertiary blast injury(ies); Traumatic exposure to explosive impulses; Underwater detonation blast overpressure; War-related blast injuries

*Additional terms related to low-level blast (LLB)*

 30-kPa blast; 60-kPa blast; Acute to subacute effects of blast; Air blast; Air blast circuit breaker noise exposure; Air blast circuit breakers; Air blast exposure; Back blast; Blast as part of combat training; Blast as part of routine combat training with should-fire recoilless rifles; Blast breaching exposures; Blast environment; Blast exposure(s); Blast from firing of military weapons; Blast of high pressure air; Blast overpressure; Blast overpressure from these shoulder-fired weapons; Blast overpressure injury; Blast overpressure waves; Blast overpressures of 21-35kPa; Blast related mTBI; Blast training and repeated blast exposure; Blast wave(s); Blast(s); Blasted; Blasting; Blast-related mTBI; Blast-related postconcussion syndrome; Breach blast pressure; Breacher blast; Breaching; Breaching blast; Career blast exposure; Chronic blast exposure; Chronic effects of lower level blast exposure; Chronic exposure to low-level blasts; Chronic exposure to repetitive low-level blast; Chronic low-level blast; Chronic low-level overpressure; Combat training with explosive breaching; Continuous noise; Controlled blasts; Cumulative, repeat, low-level blast; Explosive blast training; Explosive breaching; Explosive training; Exposure to air blast circuit breaker noise; Exposure to blasts below levels that cause such a loss of consciousness is defined as subclinical or a mild TBI ; Exposure to occupational levels of low-level blast; Exposure to repeated low intensity blast; Exposure to repeated low-level blast; Exposures to low-level blast events; Firearm exposure; Gunfire exposure; Heavy weapon blasts; Impulse noise; Impulse noise encountered in the workplace; Impulse noise from air blast breakers; Incident overpressure exposure; Isolated blast; Less intense forms of blast exposure; LLB overpressure; Long-term low-level blast exposure; Low blast exposure; Low BOP intensities; Low intensity blast exposure; Low intensity blast-induced brain injury; Low intensity shock wave; Low level primary blast; Low levels of blast; Low levels of blast exposure; Low to moderate blast levels; Low, occupational levels of blast exposure; Low-energy blast exposures; Lower blast pressures; Lower level exposures; Lower level exposures associated with mild traumatic brain injury (mTBI); Lower level exposures producing mTBIs; Lower-level blast exposures; Lower-level energy blast; Lower-level energy blast exposures; Low-intensity blast; Low-intensity blast (LIB); Low-intensity blast exposure(s); Low-intensity blast overpressure; Low-intensity blast wave exposure; Low-intensity explosive blast; Low-intensity explosive blast-waves; Low-intensity primary blast injury; Low-intensity primary blast waves; Low-level blast (LLB) exposure; Low-level blast events; Low-level blast exposure to BOP; Low-level blast exposure(s); Low-level blast injury; Low-level blast overpressure(s); Low-level blast pressure waves; Low-level blast(s); Low-level BOP; Low-level explosive blast; Low-level explosive charge; Low-level exposure(s); Low-level primary blast; Low-level primary blast exposure; Low-level repeated blast exposure; Low-level shockwave(s); Low-overpressure event; Low-pressure blast; Low-pressure blast wave; Low-to-moderate shock wave intensities; Mid- to low-intensity explosive blast waves; Mild blast; Mild blast injury; Mild blast overpressure; Mild blast traumatic brain injury (TBI); Mild TBI or subclinical blast exposure; Mild to moderate blast exposure; Moderate blast exposure; Moderate blast levels; Moderate BOP; Moderate level blast-wave; Moderate whole body blast exposure; mTBI or subclinical blasts; Multiple exposures to blast ; Multiple exposures to blast overpressure; Multiple, low intensity blast exposures; No/low-blast exposure; Non-injury level blast exposure; Non-lethal low-level primary blast; Non-lethal penetrating blast exposure; Occupation blast; Occupational blast; Occupational exposure; Occupational exposure to blast; Occupational exposure to impulse noise; Occupational exposure to low-level blast; Occupational history of repetitive blast exposure; Occupational levels of blast overpressure; Occupational levels of low-level blast; Occupational overpressure; Occupational repeated exposure to low-level explosive blast; Open-field low-intensity blast; Operational noise; Overpressure; Overpressure event; Overpressure exposure; Overpressure injury; Overpressure levels; Overpressure levels associated with sub-concussive low-level exposure; Physical shock from ingress strategies used during training; Powerful, low frequency weapons; Pre-clinical blast exposure; Primary blast; Primary blast exposure; Primary blast injury(ies); Primary blast wave; Primary blast wave (or overpressure); Primary blasts by weaponry; Primary lower level blast overpressure (LBOP); Primary low-intensity blast (LIB); Primary moderate blast exposure; Quaternary injuries; Reflected pressure; Relatively low BOP exposures; Repeat low-level blast; Repeat(ed) blast(s); Repeated blast events; Repeated blast exposure; Repeated blast overpressure; Repeated blast overpressure while training; Repeated blast/training exposure; Repeated BOP exposure; Repeated controlled blast exposure; Repeated detonating explosions; Repeated exposure to blast overpressure (BOP); Repeated exposure to low-level blast; Repeated exposure to low-level blast events; Repeated exposure to low-level blast overpressure (BOP); Repeated low intensity blast exposure(s); Repeated low-level blast exposure(s); Repeated low-level blast overpressure exposure; Repeated low-level blast(s); Repeated low-level blast-related head trauma; Repeated low-level BOP exposure; Repeated occupational exposure to sublethal low-level blasts; Repetitive; Repetitive blast exposure; Repetitive exposure from these weapons systems; Repetitive exposure to low-intensity blasts; Repetitive exposure to low-level blast(s); Repetitive low-energy blast exposure; Repetitive low-level blast (LLB); Repetitive low-level blast explosions; Repetitive low-level blast exposure; Repetitive low-level explosive blasts; Repetitive low-level primary blast; Repetitive short term low-level blast; Repetitive sub-concussive or undiagnosed events; Repetitively exposed to low-level explosive blasts ; Routine occupation blast exposure; Routinely and repetitively exposure to low-level blast; Routinely exposed to low-level blast; Secondary blast; Secondary blast injuries; Shock wave exposure; Short-lasting impulse noise; Single blast; Single low-intensity blast exposure; Single, low-intensity blast; Steady state noises; Subclinical blast; Subclinical blast exposure(s); Subclinical blast overpressures; Subclinical exposure; Subclinical impacts and overpressure; Subclinical wave shock exposure; Subconcussive blast exposure; Sub-concussive blast overpressure levels; Sub-concussive repetitive low-level blast exposure; Sublethal blast overpressure; Sublethal BOP levels; Tertiary blast; Tertiary blast injuries; Unprotected occupational exposures to low-level BOP; Weapon operator blast overpressure exposure; Whole-body blast exposure

*Terms used to describe both HLB and LLB.*

acute to subacute effects of blast; blast exposure(s); blast overpressure injury; blast wave(s); blast(s); blasting; blast-related postconcussion syndrome; chronic blast exposure; impulse noise; isolated blast; overpressure exposure; primary blast; primary blast exposure; primary blast injury(ies); repeated blast overpressure; and tertiary blast