

STANDARD FUNCTIONS AND POSSIBLE WORK CONDITIONS OF A
PESTICIDE APPLICATOR

Time/Work Volume	Physical Requirements	Environmental Conditions	Physical/Chemical Exposures
May Include			
<ul style="list-style-type: none"> • long hours (no more than 12 hour shifts) • multiple and consecutive assignments • irregular hours 	<ul style="list-style-type: none"> • lift and carry more than 50# • wear backpack sprayer • lifting or loading chemicals and equipment • drive or ride for many hours • fly in helicopters, fixed wing airplanes, and float planes • use watercraft • work independently and on small and large teams • use PPE (includes appropriate headgear*, chemical-resistant boots, eyewear, respirator, and other equipment) • arduous exertion • extensive walking, climbing • kneeling • stooping • twisting • bending • provide first aid and/or CPR when needed 	<ul style="list-style-type: none"> • very steep terrain • rocky, loose, or muddy ground surfaces • thick vegetation • down/standing trees • wet leaves/grasses • varied climates cold/hot/wet/dry/humid/snow/rain) • varied light conditions, including dim light or darkness • high altitudes • heights • holes and drop offs • very rough roads • open bodies of water (i.e., riparian areas, marshes, rivers, lakes) • isolated/remote sites • no ready access to medical help 	<ul style="list-style-type: none"> • light (bright sunshine/UV) • high heat • cold temperatures • airborne particulates • pesticides, including insecticides and herbicides, and adjuvants such as surfactants.**, etc. • traversing treated areas while conducting ground-based treatments. • allergens • loud noises • snakes • potentially harmful invertebrates such as wasps, bees, ticks, and spiders, etc. • bear encounters • poisonous plants • trucks and other large equipment • hunger/irregular meals • dehydration

Note: Not all items are applicable to all pesticide applicator situations.

* See safety requirements in policy chapters for Heavy Equipment (Part 243 of the Service Manual).

** Represents dermal, ocular, and respiratory irritation potential.