

APPENDIX I: EMERGENCY EQUIPMENT

APPENDIX I Emergency Equipment

Below is the minimum equipment requirements for a rescue squad as established in KRS.

106 KAR 1:350. Rescue squad minimum equipment.

RELATES TO: KRS 39F.040(5), 39F.050(3)(d), 39F.070(3)(d), 39F.120(12)

STATUTORY AUTHORITY: KRS 39A.050(2)(m), 39A.070(3), 39F.120(12)

NECESSITY, FUNCTION, AND CONFORMITY: KRS 39F.120(12) requires a rescue squad to have the minimum equipment necessary to perform a mission. KRS 39F.120(12) requires the division to promulgate an administrative regulation establishing minimum equipment for a rescue squad. This administrative regulation establishes the minimum equipment requirements for a rescue squad.

Section 1. Definitions. (1) "Fund" means the rescue aid fund established in KRS 39F.100(2).

(2) "New or replacement equipment" means equipment that a rescue squad is not required to have prior to becoming eligible to participate in the fund.

(3) "Replacement only equipment" means equipment that a rescue squad shall have in its possession before becoming eligible to participate in the fund.

Section 2. The minimum new or replacement equipment for a general rescue squad shall be:

- (1) Twelve (12) pairs of gloves;
- (2) Twelve (12) pairs of safety goggles;
- (3) Twelve (12) squad coats;
- (4) Twelve (12) helmets;
- (5) Twelve (12) pairs of boots with protective toe;
- (6) Two (2) first aid kits, twenty-four (24) unit industrial type or equivalent;
- (7) Two (2) full backboards;
- (8) Two (2) half backboards;
- (9) One (1) basket litter;
- (10) Four (4) sections of fifteen (15) foot by one (1) inch tubular nylon webbing;
- (11) One (1) splint kit, with half-arm, half-leg, full-arm, full leg;
- (12) One (1) twelve (12) foot tow chain;
- (13) Two (2) hacksaw frames;
- (14) Twelve (12) hacksaw blades;
- (15) Two (2) pairs of pliers, minimum of eight (8) inch, slip-joint;
- (16) One (1) pair of locking pliers;
- (17) Two (2) pairs wire cutters with insulated grips;
- (18) One (1) center punch;
- (19) Four (4) screwdrivers, flat blade, assorted sizes;
- (20) Four (4) Phillips screwdrivers, assorted sizes;
- (21) One (1) seat belt cutter;
- (22) One (1) pair of minimum of eight (8) inch tin snips;
- (23) One (1) claw hammer;
- (24) Two (2) crescent wrenches;
- (25) Two (2) twenty-four (24) inch pipe wrenches;
- (26) Two (2) axes, single butt, four (4) pound head;

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- (27) One (1) mattock;
- (28) One (1) eighteen (18) inch bow saw;
- (29) One (1) pair of thirty-six (36) inch bolt cutters;
- (30) One (1) eight (8) pound sledge hammer;
- (31) One (1) minimum of fourteen (14) inch chain saw;
- (32) One (1) rounded point shovel, (short handle);
- (33) One (1) rounded point shovel, (long handle);
- (34) Two (2) one half (1/2) inch by twelve (12) inch gooseneck wrecking bars;
- (35) Two (2) one (1) inch by thirty (30) inch gooseneck wrecking bars;
- (36) One (1) six (6) foot pry bar;
- (37) One (1) minimum of one and one-half (1 1/2) ton come-along;
- (38) One (1) air chisel with extra tank;
- (39) One (1) minimum of ten (10) ton porta-power;
- (40) One (1) minimum of five (5) ton hydraulic jack;
- (41) One (1) thirty-six (36) inch, hooligan tool;
- (42) Two (2) rescue pulleys;
- (43) Four (4) minimum of fifty (50) foot sections of nylon rope;
- (44) Two (2) minimum of 150 foot by one-half (1/2) inch static kernmantle rope;
- (45) One (1) minimum of eight (8) foot straight ladder;
- (46) Two (2) fire retardant blankets or salvage covers;
- (47) Two (2) five (5) gallon gas cans, safety type;
- (48) Two (2) minimum of ten (10) pound fire extinguishers, ABC rated;
- (49) One (1) minimum of two-point-five (2.5) KVA portable generator;
- (50) One (1) minimum of fifty (50) foot section of No. 10 electrical extension cord, GFI equipped;
- (51) One (1) minimum of 100 foot section of No. 10 electrical extension cord, GFI equipped;
- (52) One (1) minimum of 100 foot section of No. 12 electrical extension cord, GFI equipped;
- (53) Four (4) portable (hand-held) radios;
- (54) One (1) mobile radio with antenna per vehicle;
- (55) One (1) encoder;
- (56) One (1) base station radio with antenna; and
- (57) One (1) base station radio tower.

(58) The requirement for one (1) encoder in subsection (55) of this section, one (1) base station radio with antenna in subsection (56) of this section, and one (1) base station tower in subsection (57) of this section is not required minimum new or replacement equipment if the rescue squad is dispatched by another agency, city or county public safety communications center.

Section 3. The minimum equipment for a rescue squad specializing in water rescue and recovery operations not utilizing divers shall be:

- (1) New or replacement equipment:
 - (a) One (1) john boat, in excess of nineteen (19) feet;
 - (b) One (1) minimum of twenty-five (25) horse power boat motor;
 - (c) Two (2) marine type gas tanks;
 - (d) One (1) boat anchor;
 - (e) One (1) electronic depth finder;
 - (f) Four (4) Type III personal flotation devices approved by the United States Coast Guard;
 - (g) Two (2) electric lanterns;
 - (h) Four (4) buoy markers;
 - (i) Two (2) spot lights;

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- (j) One (1) tool box;
 - (k) One (1) flat blade screwdriver;
 - (l) One (1) Phillips head screwdriver;
 - (m) One (1) pair of pliers, minimum of eight (8) inch slip joint;
 - (n) One (1) pair of locking pliers;
 - (o) One (1) pair of eighteen (18) inch bolt cutters;
 - (p) One (1) bow saw;
 - (q) Four (4) pairs of rubberized gloves;
 - (r) Two (2) grappling irons or drag hooks;
 - (s) One (1) body bag;
 - (t) Two (2) pike poles or shepherd's hooks;
 - (u) Two (2) sections of minimum of 250 feet by one-half (1/2) inch nylon or polypropylene rope;
 - (v) Two (2) water throw bags with a minimum of fifty (50) feet of nylon rope for each bag;
 - (w) Two (2) minimum of 250 foot line bags;
 - (x) Two (2) rescue pulleys;
 - (y) One (1) full backboard;
 - (z) One (1) first aid kit, twenty-four (24) unit industrial-type or equivalent;
 - (aa) One (1) basket litter;
 - (bb) Two (2) signal lights; and
 - (cc) Two (2) flash lights.
- (2) Replacement equipment only:
- (a) One (1) vehicle dedicated to water rescue and recovery;
 - (b) One (1) john boat, sixteen (16) foot or larger;
 - (c) One (1) boat motor with a minimum capacity of fifteen (15) horse power;
 - (d) One (1) boat trailer; and
 - (e) Two (2) boat oars.

Section 4. The minimum equipment for a rescue squad specializing in water rescue and recovery operations utilizing divers shall be:

- (1) New or replacement equipment:
- (a) One (1) mask per certified diver;
 - (b) One (1) pressure gauge per certified diver;
 - (c) One (1) knife per certified diver;
 - (d) One (1) wet suit per certified diver;
 - (e) One (1) snorkel per certified diver;
 - (f) One (1) buoyancy compensator per certified diver;
 - (g) One (1) weight belt per certified diver;
 - (h) One (1) depth gauge per certified diver;
 - (i) One (1) waterproof flashlight per certified diver;
 - (j) One (1) pair of fins per certified diver;
 - (k) One (1) air tank per certified diver; and
 - (l) One (1) regulator per certified diver.
- (2) Replacement equipment only:
- (a) The water rescue and recovery equipment established in Section 3 of this administrative regulation;
 - (b) Two (2) extra tanks per certified diver;
 - (c) One (1) dry suit per certified diver;
 - (d) Three (3) dive flags; and
 - (e) One (1) underwater radio communications system.

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Section 5. The minimum equipment for a rescue squad specializing in cave rescue shall be:

- (1) New or replacement equipment:
 - (a) Twenty-four (24) minimum of twenty (20) feet by one (1) inch tubular nylon webbing;
 - (b) Six (6) pairs of rappelling gloves;
 - (c) Six (6) rappelling, climbing seat, or full-body harnesses;
 - (d) Two (2) minimum of 300 feet by one-half (1/2) inch static kernmantle rope;
 - (e) Two (2) minimum of 200 feet by seven-sixteenths (7/16) inch static kernmantle rope;
 - (f) Two (2) minimum of 300 feet by seven-sixteenths (7/16) inch static kernmantle rope;
 - (g) Minimum of 200 feet of accessory cord;
 - (h) Eight (8) rope bags;
 - (i) Six (6) rescue pulleys;
 - (j) Six (6) brake bar rappel racks, six (6) bar type;
 - (k) Twenty (20) large "D" locking carabiners, steel;
 - (l) Twenty (20) large "D" offset locking carabiners, steel;
 - (m) Ten (1) extra large "D" offset locking carabiners, steel;
 - (n) Eighteen (18) mechanical ascenders;
 - (o) Four (4) figure-eight descenders;
 - (p) One (1) SKED stretcher or equivalent;
 - (q) Two (2) miles of field phone wire;
 - (r) Three (3) field phones for underground communications;
 - (s) Two (2) waterproofed first aid kits, twenty-four (24) unit industrial type or equivalent;
 - (t) One (1) splint kit with half-arm, half-leg, full-arm, full-leg;
 - (u) One (1) set assorted sizes of rigid or semirigid cervical collars;
 - (v) One (1) Kendrick Extrinsication Device or Oregon spine splint or equivalent; and
 - (w) Three (3) wool blankets, or one (1) synthetic sleeping bag and vapor barrier.
- (2) Replacement equipment only:
 - (a) One (1) vehicle dedicated to cave rescue;
 - (b) One (1) basket litter;
 - (c) Six (6) rappelling helmets, UIAA-approved, with helmet head lamps;
 - (d) Six (6) sturdy caving packs;
 - (e) Twelve (12) rugged waterproof flashlights with extra batteries and bulbs;
 - (f) Three (3) field phones for underground communications;
 - (g) 4,000 feet of field phone wire;
 - (h) One (1) 200 foot length of seven-sixteenths (7/16) inch static kernmantle rope;
 - (i) Four (4) large "D" locking carabiners, steel;
 - (j) One (1) figure-eight descender with ears; and
 - (k) Twelve (12) twenty (20) feet by one (1) inch tubular nylon webbing.

Section 6. The minimum equipment for a rescue squad specializing in high angle rescue shall be:

- (1) New or replacement equipment:
 - (a) Four (4) rappelling helmets UIAA approved;
 - (b) Twelve (12) minimum of fifteen (15) feet by one (1) inch tubular nylon webbing;
 - (c) Four (4) pairs of rappelling gloves;
 - (d) Four (4) helmet head lamps;
 - (e) Four (4) rappelling, climbing seat, or full-body harnesses;
 - (f) Four (4) rugged waterproof flashlights with extra batteries and bulbs;
 - (g) Two (2) minimum of 300 feet by one-half (1/2) inch static kernmantle rope;
 - (h) Two (2) minimum of 200 feet by seven-sixteenths (7/16) inch static kernmantle rope;

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- (i) Two (2) minimum of 300 feet by seven-sixteenths (7/16) inch static kernmantle rope;
 - (j) Six (6) rope bags;
 - (k) Four (4) rescue pulleys;
 - (l) Two (2) brake bar rappel racks, six (6) bar type;
 - (m) Ten (10) large "D" locking carabiners, steel;
 - (n) Ten (10) large "D" offset locking carabiners, steel;
 - (o) Twelve (12) mechanical ascenders;
 - (p) Four (4) figure-eight descenders with ears;
 - (q) One (1) SKED stretcher or equivalent;
 - (r) Two (2) waterproofed first aid kits, twenty-four (24) unit industrial type or equivalent;
 - (s) One (1) splint kit with half-arm, half-leg, full-arm, full-leg;
 - (t) One (1) set assorted sizes of rigid or semirigid cervical collars;
 - (u) One (1) Kendrick Extrication Device or Oregon spine splint or equivalent; and
 - (v) Three (3) wool blankets or one (1) synthetic sleeping bag with vapor barrier.
- (2) Replacement equipment only:
- (a) One (1) vehicle dedicated to high angle rescue;
 - (b) One (1) basket litter;
 - (c) One (1) 200 foot length of seven sixteenths (7/16) inch static kernmantle rope;
 - (d) Four (4) large "D" locking carabiners, steel;
 - (e) One (1) figure-eight descender with ears; and
 - (f) Four (4) fifteen (15) feet by one (1) inch tubular nylon webbing.

Section 7. The minimum equipment for each member of a search dog rescue squad specializing in a search for lost, trapped or missing persons shall be:

- (1) Replacement equipment:
- (a) One (1) rescue vest;
 - (b) One (1) pair of leather gloves;
 - (c) One (1) pair of boots, lug soles;
 - (d) One (1) fanny pack or equivalent;
 - (e) One (1) rescue helmet with headlamp;
 - (f) Three (3) one (1) quart canteens with belt;
 - (g) Three (3) flashlights with extra batteries;
 - (h) One (1) compass, two (2) degree increments.
- (2) New or replacement equipment only: none.

Section 8. The minimum equipment for search and rescue squad specializing in a search for lost, trapped or missing persons shall be:

- (1) New or replacement equipment:
- (a) One (1) vehicle dedicated to search and rescue;
 - (b) One (1) minimum of two and five-tenths (2.5) KVA portable generator with lights;
 - (c) One (1) mobile radio with antenna;
 - (d) One (1) basket litter;
 - (e) Laminated topographical maps of response area, 1:24000;
 - (f) Twelve (12) two (2) way portable (hand-held) radios;
 - (g) One (1) first aid kit, twenty-four (24) unit industrial type or equivalent; and
 - (h) Twelve (12) rescue helmets with headlamps.
- (2) Replacement equipment only: none.

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Section 9. When a rescue squad engages in more than one (1) specialized rescue squad activity or general rescue squad activity, the equipment listed as new or replacement equipment or replacement only equipment for rescue squads specializing in water rescue and recovery, water rescue and recovery utilizing divers, high angle rescue, cave rescue, or search for lost, trapped, or missing persons, shall not have to be duplicated in order to meet the requirements of this administrative regulation. (27 Ky.R. 1997; Am. 2848; eff. 5-14-2001.)