Read the Introduction for more information on these standards, including where to direct comments, questions, and recommendations. As new items are introduced, current items are discontinued, and/or health and safety issues arise, these standards will be revised to provide updated information. Sort by Update Date to view recent changes.

Thermometer – Infrared, Digital, Non-Contact

NFES Status
Active
NFES #
009989
Category
Camp
Updated
Wed, 07/01/2020 - 12:00
Storage and Shelf Life Checks
None

Initial Inspection/Disposal Criteria

1. Bring thermometer to room temperature before proceeding with refurbishment. Allow 15 to 20 minutes at room temperature.
2. Inspect for obvious damage to plastic casing or sensor. If any, dispose of properly following local disposal guidelines.
3. Press the power button and ensure thermometer turns on. If it fails to power up, replace batteries, and try again. If still not working, dispose of thermometer.
4. Following manufacturers instructions, test thermometer by taking temperature of skin. If not reading correctly, or displaying error message, refer to manufacturer for calibration procedures if any. If unable to properly display temperature, dispose of thermometer.

Refurbishing Procedures

A. Cleaning

1. Wipe outside of thermometer with disinfectant wipes or medical alcohol and a soft cotton swap or cloth and allow to air dry. If any stains, smudges, or writing can not be removed gently, then dispose of thermometer.

2. Take extra precaution when cleaning the sensor area of the thermometer. Even minor scratches or cleaner residue can affect the accuracy.

B. Repair

1. Follow manufacturers recommendations to calibrate thermometer. Many thermometers can not be calibrated and must be removed from service.

C. Testing for Performance

- Test thermometer by measuring skin temperature. Follow manufacturer recommendations for acceptable temperature variations.

D. Repackaging

- Must be placed in sealed plastic bag and have manufacturer-specific instructions included. There are many different brands and models available, and they are not all interchangeable.
- Do not store with batteries in thermometer unless battery is integrated into thermometer by manufacturer and cannot be removed.
- Carton and count is cache optional.

Tent – Wall, 14’ X 16’, Without Poles

NFES Status
Active
NFES #
000084
Category
Camp
Updated
Mon, 05/01/2017 - 12:00
Storage and Shelf Life Checks
None

Initial Inspection/Disposal Criteria

1. Inspect for mold or mildew, rips and tears. Inspect for missing guy ropes and grommets, replace as needed. Validate that item meets NFES item description.
2. Return to stock if item is dry, clean and in unused condition.
3. Refurbish tent if tent damage is repairable and is economically feasible to complete.
4. Dispose of item if mold or mildew is present, if tent is non-standard or fails initial inspection with damage that is not repairable.

Refurbishing Procedures

A. Cleaning

- Sweep with stiff brush. Wash with warm water and mild detergent and rinse. If necessary, clean stubborn stains with hot water pressure washer using a stiff bristle brush for scrubbing. Ensure tent is dried completely before storage.

B. Repair

1. Replace missing or damaged guy ropes (¼" X 8' manila rope) and ridge lines (¼" X 12' manila rope) and replace missing or damaged grommets with proper size grommets. Complete tent includes: 14 each – 8ft manila ropes and 2 each – 12ft manila ropes.
2. Patch small holes, rips and tears following manufacturer's recommendations.

C. Testing for Performance

- None

D. Repackaging

1. Fold tent with guy ropes in the center of folding. Fold so that tent does not have to be turned over when set up (outside of tent is facing up when folding). Package with: 14 EA of stakes-- NFES# 000825 and 22 EA of pins--NFES# 000538.
2. Local cache option for carton usage.

Tent – 2 Person

NFES Status

Active

NFES #

000077

Category

Camp

Updated

Sun, 05/01/2022 - 12:00

Storage and Shelf Life Checks

None

Initial Inspection/Disposal Criteria

1. Inspect immediately upon return for moisture, mold, or mildew.
2. Inspect tent body and fly for any tears, holes, burns, zippers that do not provide adequate closure or unraveled seams that are not economically repairable. Tears or holes smaller than 1 inch or 3 holes each less the ½ inch are repairable.
3. Inspect for any missing components including any missing stretch cords or plastic hooks missing on rain fly, poles, or stakes.
4. Inspect poles and stakes for cracks or broken poles, cracked or broken hinge joints, and bent or broken stake poles.
5. Return to stock if tent is dry, clean, and in unused condition.
6. Refurbish if item is free of mildew and mold, easily cleaned and any damages are economically feasible to repair.
7. Dispose of tent if mold or mildew is present, if it fails initial inspection or if repairs are not economically feasible.

?Refurbishing Procedures

A. Cleaning

1. Set up tent, sweep and remove dirt and debris.
2. Wash with water and mild soap, rinse, and air dry.
3. Remove dirt from tent stakes with a wire brush or water and mild soap.
4. Use non staining non bleach products if sanitizing the inside of the tent.
5. Allow tent, tent bag, and fly to air dry.

B. Repair

1. Replace broken poles and nonfunctioning hardware.
2. Straighten bent stakes and remove burrs as necessary.
3. Repair holes, tears, and seams following manufacturer's recommendations. Use Tear Aid ® Type A patches to repair small holes.

C. Testing for Performance

- Set up tent with the fly; test hinge joints for smooth operation. Open and close all zippers ensuring adequate closure. Ensure correct fly and fly pole are with the tent.

D. Repackaging

1. Collapse the tent and roll up so it fits in the bag. Add the fly and fly pole as well as the tent stakes (6 each). Photo below shows the parts needed. Seal the bag zipper with a small zip tie and place the complete bag into the box.
2. 1 each in NFES #008073 carton (30" x 6" x 6").
3. 6 each in NFES #008081 carton (14.5" x 19.5" x 30").

Tank – Propane, Fuel, LPG, 20 lb.Tank (5GL)

NFES Status

Active

NFES #

000491

Category

Camp

Updated

Wed, 05/01/2024 - 12:00

Storage and Shelf Life Checks

Yes

Storage and Shelf Life Procedure

1. Store in secured (no-smoking) area. Tanks will vent fumes when they get hot. Store out of direct sun.
2. Refer to Forest Service Health & Safety Handbook, OSHA, NFPA, and local direction.

Initial Inspection/Disposal Criteria

1. Check for rust, dents, punctures, broken valves, and weak valve handle. Verify handle type to ensure that tank meets current specifications for “OPD” valve
2. Confirm test date on propane tank. See link to “Requalification Guidance for Propane Cylinders” under Reference.
3. Return to stock if unused and recertification is valid.
4. Refurbish item if tank is undamaged.
5. Dispose of item if unable to refurbish.

Refurbishing Procedures

A. Testing for performance

1. Apply soapy water to valve area, watch for bubbles indicating leaks.
2. If leaks are detected, tag immediately for repair or remove from service.
3. Safely dispose of tank contents per local HAZMAT disposal policy. Deliver tank to local LPG provider for tank testing, repairs, or disposal.

B. Cleaning

- Power wash tank and let dry.

C. Repair

1. Replace any broken handles.
2. Ensure warning labels are visible and replace as necessary. Cylinders must be marked in accordance with NFPA 704 when used in industrial or commercial applications using labels: HZ-116 or CYL 3 in 1.
3. A painted stencil or decal reading “NOT FOR INDOOR USE” must be located in a highly visible location on the propane tank with red lettering at least 3/4 inches tall in size.
4. Install plastic cap or plug in valve opening if missing.
5. All other repair will be done by and authorized facility.
6. Follow local cache protocols for refilling empty tanks.

D. Repackaging

1. Ensure valve is in the “OFF” position before transporting.
2. Place on pallets and secure with wrap or ties to ensure tanks do not fall or tip over.

Reference

1. Requalification Guidance for Propane Cylinders

Table – Folding

NFES Status
Active
NFES #
002698
Category
Camp
Updated
Mon, 05/01/2017 - 12:00
Storage and Shelf Life Checks
None

Initial Inspection/Disposal Criteria

1. Inspect for table surface damage, broken or bent legs, rough edges, missing parts. Inspect for non-standard markings like stickers, carvings, or graffiti.
2. Return to stock if clean, unused, and undamaged.
3. Refurbish metal areas and surfaces as needed if possible.
4. Dispose of items if unable to refurbish.

Refurbishing Procedures

A. Cleaning

1. High pressure wash or wipe tables with household cleaners suitable for table surfaces.
2. Remove non-standard blemishes including markings, stickers, gum, pitch, and stains.
3. Rinse and air dry completely.

B. Repair

1. Mess table - repair damage area by welding, pop riveting or by gluing.
2. Folding table - Repair legs, straighten dents and miscellaneous damage as economically feasible.

C. Testing for Performance

- None

D. Repackaging

1. Mess table- band case. Local cache option.
2. Folding table - Local cache option.

Sprayer – Handheld, 1-4 Gallon

NFES Status

Active

NFES #

009981

Category

Camp

Updated

Wed, 07/01/2020 - 12:00

Storage and Shelf Life Checks

None

Initial Inspection/Disposal Criteria

1. Inspect for sanitizing solution in container. If any, dispose of properly.
2. Inspect for indelible writing or marks on the tank. If it can not be removed, salvage available parts, and dispose of tank.
3. Inspect for leaks or separation along any seams, or screw in connection points. Dispose of container if any are present.
4. Inspect inside of container for any foreign matter that cannot be removed or identified. Dispose of container if this has occurred
5. Inspect all threads, moving parts, locking mechanism, pressure relief valve, or spring mechanism for serviceability. If economical to repair, use only manufacturer specific parts for replacement. If not economical, dispose of sprayer.
6. Return to stock if item does not show any signs of use and passes visual inspection.
7. Refurbish if item has been used and/or damage is repairable.

Refurbishing Procedures

A. Cleaning

1. Drain all existing sanitizer and dispose of properly. See Safety Data Sheet (SDS) for recommendation.
2. Wash container inside and out with mild detergent with brush/scouring pad or power wash.
3. Rinse thoroughly. Fill tank with clean water, use the hand pump to pressurize the tank, and spray clean water through spray wand and hose until clean.
4. Turn upside down with lids off or open and let air dry.

B. Repair

1. Replace gaskets if stiff, damaged, or missing.
2. Assemble sprayer with clean water in the tank. Use the hand pump to pressurize the tank and spray water through wand. While tank is pressurized, check all connections for leaks. Replace gaskets, spray wands, or relief valves as needed and economical to repair.
3. Replace nozzles as needed using only manufacturer replacement parts.

C. Testing for Performance

- Assemble sprayer with clean water in the tank. Use the hand pump to pressurize the tank and spray water through wand. While tank is pressurized, check all connections for leaks.

D. Repackaging

- Local cache option.

Pole – Upright, Adjustable

NFES Status
Active
NFES #
000083
Category
Camp
Updated
Mon, 05/01/2017 - 12:00
Storage and Shelf Life Checks
None

Initial Inspection/Disposal Criteria

1. Visually inspect for use, damage, bent pole, or missing parts–dispose of damaged pieces (salvage usable parts).
2. Return item to stock if it passes inspection, is clean and shows no sign of use.
3. Dispose of item if it does not pass inspection and it is not repairable.
4. Refurbish if item has been used and/or damage is repairable.

Refurbishing Procedures

A. Cleaning

1. Remove all foreign material.
2. Clean with damp cloth
3. Use adhesive remover if there is sticky residue from tape.

B. Repair

1. If top pin is bent or broken, replace with a steel pin.
2. Replace adjuster pins and cables when missing.

C. Testing for Performance

- Extend pole to see if pole telescopes freely.

D. Repackaging

- Package 6 each in carton NFES #008004 carton (43” x 7” x 4 3/4”).

Pole – Ridge, 16’

NFES Status
Active
NFES #
000089
Category
Camp
Updated
Sun, 05/01/2022 - 12:00
Storage and Shelf Life Checks
None

Initial Inspection/Disposal Criteria

1. Visually inspect for use, damage, bent pole, or missing parts–dispose of damaged pieces (salvage usable parts).
2. Ensure all parts are present. Ridge poles are made up of 6 parts. 2 end white pieces, 3 middle black pieces, and a short double male piece. (See picture above) All 6 pieces go into a box and make up 1 each.
3. Return item to stock if it passes inspection, is clean, and shows no sign of use.
4. Dispose of item if it does not pass inspection and it is not repairable.
5. Refurbish if item has been used and/or damage is repairable.

Refurbishing Procedures

A. Cleaning Procedures

1. Remove all foreign material.
2. Clean with damp cloth.
3. Use adhesive remover if there is sticky residue from tape.

B. Repair

- Replace missing or damaged parts.

C. Testing for Performance

- None

D. Repackaging

- All 6 pieces go into a box and are collectively 1 each.
- Package in carton NFES #008004 carton (43” x 7” x 4 3/4”).

Mat, Sleeping – 3/8” x 23 5/8” x 74 ¾”, Polyethylene

NFES Status

Active

NFES #

001566

Category

Camp

Updated

Fri, 02/01/2019 - 12:00

Storage and Shelf Life Checks

None

Initial Inspection/Disposal Criteria

1. Visually inspect for exposure to bodily fluids, any cuts, splits, tears, holes or cracks, cleanliness or the presence of foreign matter. Inspect for uniformity in material; if it contains large voids or inclusions. Note: Tie straps are not a requirement for serviceability. Remove singular tie straps or straps that are damaged.
2. Return to stock if item is in clean serviceable condition with no signs of soiling, use, or damage.
3. Refurbish if item is easily cleaned and in serviceable condition.
4. Dispose of item if item has been exposed to bodily fluids, contains cut or damage, voids, inclusions, or the presence of foreign matter that cannot be removed through cleaning.

Refurbishing Procedures

A.Cleaning

1. If mat is wet, wash with a mild detergent, expose to sun or other heat source until dry.
2. If mat is dry, brush with stiff-bristle brush to eliminate dirt or other foreign matter.
3. Blow off remaining dust or fine dirt particles with high-pressure air hose or vacuum.
4. Disinfect with mild detergent and air dry.

B. Repair

- None

C. Testing for performance

- None

D. Repackaging

- Repack 50 each in original carton (if serviceable) or use NFES #008213 Carton – Fiberboard 76" X 24 1/2" X 21 1/2"

Lantern – Camp, Electric, Fluorescent

NFES Status

Active

NFES #

002501

Category

Camp

Updated

Thu, 03/01/2018 - 12:00

Storage and Shelf Life Checks

None

Initial Inspection/Disposal Criteria

1. Inspect for broken lens, cracked cases, missing bulbs, broken switches, or leaked battery acid in battery compartment.
2. Install batteries and inspect lantern condition and performance. Remove batteries after inspection.
3. Return to stock if item is in clean, serviceable condition with fully functioning components.
4. Refurbish if item is easily and economically cleaned and repaired to like new condition.
5. Dispose of item if item is damaged beyond repair.

Refurbishing Procedures

A. Cleaning

- Use a soft cloth to clean lens and battery compartment as necessary.

B. Repair

1. Remove batteries from battery compartment.
2. Replace bulbs if necessary: USE APPROPRIATE REPLACEMENT BULBS
    - F6T5/CW (6 watt)
    - F9W (9 watt)
    - HS/S15W/6500K (15 watt)

C. Testing for performance

1. Install batteries to test operation of switch and bulbs.
2. Remove batteries prior to storage.

D. Repackaging

- Local cache option. Recommended 4 each in NFES #008017 carton (18” x 12” x 10”).

Ladder – Step, 8’ Fiberglass

NFES Status
Active
NFES #
000586
Category
Camp
Updated
Mon, 05/01/2017 - 12:00
Storage and Shelf Life Checks
Yes
Storage and Shelf Life Procedure
If stored upright, it must be securely strapped to prevent falling.

Initial Inspection/Disposal Criteria

1. Ladders should not have any damage including cracks, chips and splinters, deformed rails or rungs from heat, chemical or environmental exposure, or any bends and breaks, lack of structural integrity, missing components or loose parts.
2. The steps or rungs must be tight and secure to the side rails.
3. All hardware and fittings need to be properly and securely attached.
4. Movable parts must be tested to see that they operate without binding or without too much free play.
5. All labels should be intact and readable.
6. Ladders shall be free of oil, grease, or slippery materials.

7. All accessories such as leg levelers, paint shelves, stand-off shelves, etc. are in good condition.
8. The ladder feet must have slip resistant materials.
9. Return to stock if ladder passes visual inspection and no refurbishment is needed.
10. Refurbish if damage detected is repairable and cost effective.
11. Dispose of any ladder that has any material defect or damage that cannot be repaired, excessive paint exists. Dispose of any wooden or metal ladders.

Refurbishing Procedures

A. Cleaning

1. Remove all oil, grease.
2. Clean with soap and water or power wash.
3. Air dry.

B. Repair

- Replace any damaged or missing components with manufacturer's specific parts and meeting the ladder's original design criteria.

C. Testing for performance

1. Visual inspection of all ladder steps, ladder legs, and ladder cross supports.
2. Set up ladder and check for stability.

D. Repackaging

- Local cache option

Kit – Insulation, Shelter, 20' Octagon

NFES Status
Active
NFES #
000581
Category
Camp

Updated

Wed, 07/01/2020 - 12:00

Storage and Shelf Life Checks

None

Initial Inspection/Disposal Criteria

1. Refer to *NWCG NFES Catalog, – Part 1: Fire Supplies and Equipment*, PMS 449-1, for a complete list of kit components. Replace missing parts as needed.
2. Inspect roof and wall panels for any tears or rips and repair or replace as needed.
3. Inspect windows and screens in wall panels. Repair or replace where necessary.
4. Check for missing straps and Velcro on panels and replace as needed.
5. Ensure panels are stenciled with correct NFES numbers.
6. Inspect NFES 001065 aluminum container for damage to the hinges, clasps, handles, and rubber seal in the lid. Repair if possible; replace as needed. Ensure all proper markings and labels are clear and legible.

Refurbishing Procedures

A. Cleaning

1. DO NOT PRESSURE WASH. Wipe with damp cloth and mild detergent. A soft bristle brush and low-pressure garden hose may be used for tougher spots.
2. Air dry completely before repackaging taking care that there is no moisture in between the insulation layers. Ensure that the Velcro is dry on all panels before folding and placing in proper container.
3. Wash NFES 001065 aluminum container using damp cloth, garden hose, or pressure wash as needed. Allow to air dry.

B. Repair

1. Repair any holes, tears, or rips as needed using Type A TEAR-AID Patch. If it requires an excessive number of patches, consider replacement.
2. Re-stencil NFES numbers as needed.
3. Often times, damage to the NFES 001065 aluminum container is not economical to repair. Repair when possible, replace as needed.
4. Replace buckles, straps, and snaps as needed. Velcro and straps may require sewing into place. If damage to the underlying material is excessive, replace as needed.

C. Testing for Performance

- None

D. Repackaging

1. Fold neatly, preferably with the NFES stencil visible.
2. Place folded panels in #001065 aluminum kit container. Use a truck seal or equivalent and seal the clasp.

Heater – Propane, Outdoor, 360° Radiant Heat

NFES Status
Active
NFES #
006187
Category
Camp
Updated
Sat, 06/01/2024 - 12:00
Storage and Shelf Life Checks
None

Initial Inspection/Disposal Criteria

1. Visual inspect for missing parts (guards, knobs, etc.) or any structural damage preventing repair. Inspect for torn or cut heater element, damaged or cracked hose/hose connections, loose fittings, and damage to regulators.
2. Inspect hoses for cracks, inspecting for breaks by flexing.
3. Inspect hose or valve for foreign material that might cause a blocked line.
4. Inspect O-rings on supply hose and replace if needed.
5. Inspect for out-of-round fittings by screwing regulator into tank POL fitting.
6. Return to stock if item passes initial inspection, passes Testing for Performance, is clean, and is serviceable.

7. Refurbish heater if any damage is repairable, missing or damaged components are available, and it's economically feasible to refurbish.
8. Dispose of heaters that have structural damage that prevents repair. Salvage parts that are serviceable for future repairs. Dispose of damaged regulators and cracked or damaged hoses.
9. Ensure the heater is equipped with a SAFETY TIP-OVER SWITCH (SEE ATTACHMENT).
10. If not equipped with SAFETY TIP-OVER SWITCH remove from service.

Refurbishing Procedures

A. Cleaning

1. Clean the outside of the heater using a damp cloth. **DO NOT clean the heater by spraying water on it**.
2. Clean the inside of the heater using compressed air.

B. Repair

1. Replace regulator if there is any damage to the regulator or threads do not properly seat.
2. Replace or straighten any damaged or bent parts.
3. Repair or replace auto shut off valve if not working properly (if applicable.)
4. Replace any damaged or cracked hose or hose connections.

C. Testing for Performance

1. Prior to testing use an air hose to blow unit off of any dust, dirt or debris.
2. Perform initial inspections prior to testing.
3. Ensure a fire extinguisher is in the work area prior to lighting any heater.
4. Mount or connect the heater to a LP-Gas supply cylinder.
5. Turn on gas supply to the heater and check all fittings and connections for gas leaks using mild soap and water solution. NEVER INSPECT FOR LEAKS USING A MATCH OR ANY OTHER TYPE OF FLAME. Should a gas leak occur, shut off the gas supply to the heater immediately and wait a minimum of five minutes before repairing the leak.
6. When assured that there are no leaks, light heater/pilot. If heater/pilot does not ignite within 5 seconds, extinguish flame and shut off gas valve. Wait 5 minutes before retrying.
7. (#006139 heaters) Once pilot is lit, let run for 3-5 minutes, try on/off cycle 2 to 3 times.
8. (#006187 heaters) Once pilot is lit, turn heater on, let run for 3-5 minutes; try on/off cycle 2 to 3 times.
9. If heater fails, determine if economical to repair, send to a certified repair shop.

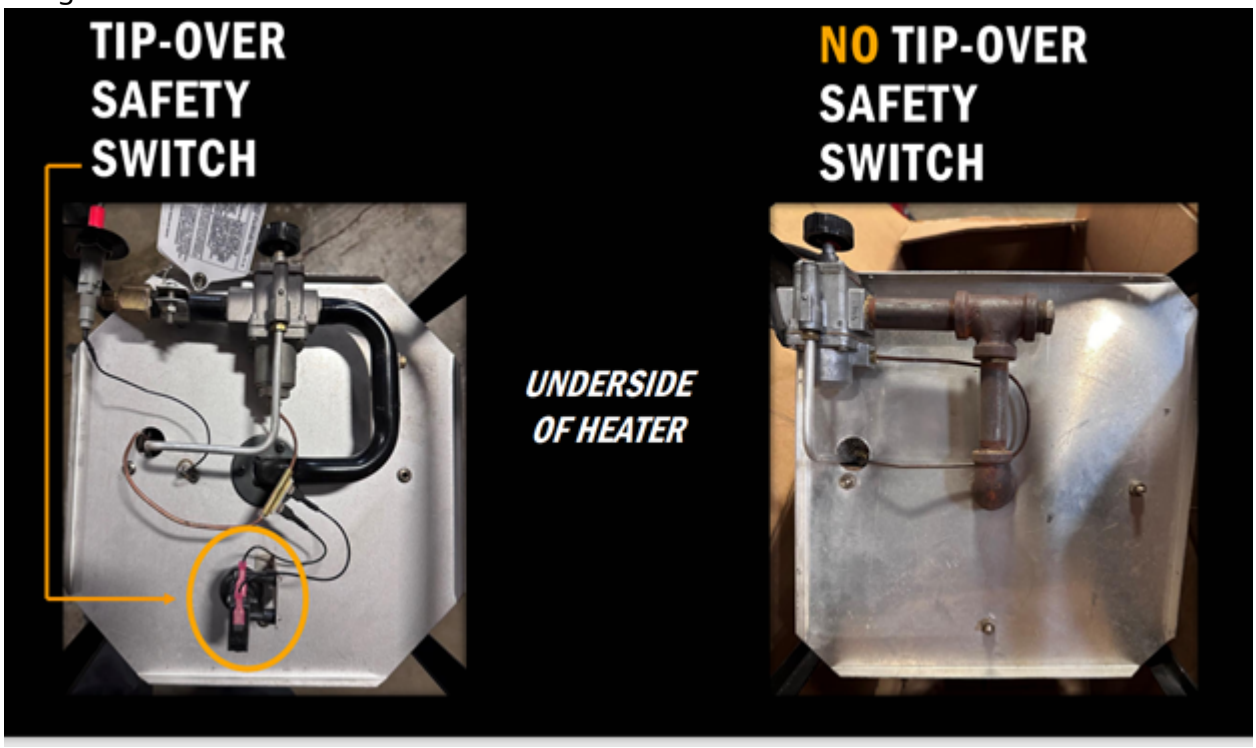
10. Inspect auto shut off valve is in working condition by tipping unit over (if applicable.)

D. Repackaging

- Use Carton NFES 8199 16 x16 x 36 1 EA
- Palletize so Heater is situated upright (if feasible)

E. Attachments

Image



Heater – Propane, 20# Tank Mounted

NFES Status

Active

NFES #

006139

Category

Camp

Updated

Mon, 05/01/2017 - 12:00

Storage and Shelf Life Checks

None

Initial Inspection/Disposal Criteria

1. Visual inspect for missing parts (guards, knobs, etc.) or any structural damage preventing repair. Inspect for torn or cut heater element, damaged or cracked hose/hose connections, loose fittings, and damage to regulators.
2. Inspect hoses for cracks, inspecting for breaks by flexing.
3. Inspect hose or valve for foreign material that might cause a blocked line.
4. Inspect O-rings on supply hose and replace if needed.
5. Inspect for out-of-round fittings by screwing regulator into tank POL fitting.
6. Return to stock if item passes initial inspection, passes Testing for Performance, is clean, and is serviceable.
7. Refurbish heater if any damage is repairable, missing or damaged components are available, and it's economically feasible to refurbish.
8. Dispose of heaters that have structural damage that prevents repair. Salvage parts that are serviceable for future repairs. Dispose of damaged regulators and cracked or damaged hoses.

Refurbishing Procedures

A. Cleaning

1. Clean the outside of the heater using a damp cloth. **DO NOT clean the heater by spraying water on it**.
2. Clean the inside of the heater using compressed air.

B. Repair

1. Replace regulator if there is any damage to the regulator or threads do not properly seat.
2. Replace or straighten any damaged or bent parts.
3. Repair or replace auto shut off valve if not working properly (if applicable.)
4. Replace any damaged or cracked hose or hose connections.

C. Testing for Performance

1. Prior to testing use an air hose to blow unit off of any dust, dirt or debris.
2. Perform initial inspections prior to testing.
3. Ensure a fire extinguisher is in the work area prior to lighting any heater.

4. Mount or connect the heater to a LP-Gas supply cylinder.
5. Turn on gas supply to the heater and check all fittings and connections for gas leaks using mild soap and water solution. NEVER INSPECT FOR LEAKS USING A MATCH OR ANY OTHER TYPE OF FLAME. Should a gas leak occur, shut off the gas supply to the heater immediately and wait a minimum of five minutes before repairing the leak.
6. When assured that there are no leaks, light heater/pilot. If heater/pilot does not ignite within 5 seconds, extinguish flame and shut off gas valve. Wait 5 minutes before retrying.
7. (#006139 heaters) Once pilot is lit, let run for 3-5 minutes, try on/off cycle 2 to 3 times.
8. (#006187 heaters) Once pilot is lit, turn heater on, let run for 3-5 minutes; try on/off cycle 2 to 3 times.
9. If heater fails, determine if economical to repair, send to a certified repair shop.
10. Inspect auto shut off valve is in working condition by tipping unit over (if applicable.)

D. Repackaging

- Repack in original carton if possible or pack to local cache option.

Fly – Tent, Type II, 9’ x 10’

NFES Status
Active
NFES #
001521
Category
Camp
Updated
Mon, 05/01/2017 - 12:00
Storage and Shelf Life Checks
None

Initial Inspection/Disposal Criteria

1. Visually inspect for rips and tears to body of fabric larger than pinholes. Inspect borders for seam damage and missing or loose grommets
2. Return to stock if item is clean and appears to be in unused condition.

3. Refurbish item if it is easily and economical done.
4. Dispose if item is not to specification, or is not economically feasible to refurbish.

Refurbishing Procedures

A. Cleaning

1. Unfold and look for defects.
2. Sweep or brush off with stiff broom or brush.
3. Wash with water and mild degreaser detergent.
4. Rinse to remove all soap residues.
5. Air dry.
6. If items are taken to vendor laundry facilities for refurbishment; ensure that they receive a copy of this refurbishment standard. The laundry facility must satisfy both--the requirements as set by the manufacturer specification and the agreement made with the local agency.

B. Repair

- None

C. Testing for performance

- None

D. Repackaging

- Package 20 each in NFES #002006 carton (23” x 19” x 10”).

Fly – Sunscreen, 20’ x 20’, with 10 Guy Ropes

NFES Status
Active
NFES #
006131
Category
Camp
Updated

Thu, 03/01/2018 - 12:00

Storage and Shelf Life Checks

None

Initial Inspection/Disposal Criteria

1. Inspect for standard 20’ x 20’ size. Inspect for rips and tears, seam damage and loose grommets, mildew and excessive petroleum products.
2. Return to stock if item appears to be in clean unused condition.
3. Refurbish if cleaning is effective and repairs are economically feasible.
4. Dispose of items that are not of standard 20’ x 20’ size or if damage is excessive and not economically feasible to repair. Tears greater than 1 inch in length will render the fly unserviceable.

Refurbishing Procedures

A. Cleaning

1. Completely unfold fly on clean, dry floor or work area so that any defects (tears, burns, mildew, etc.) will be visible.
2. Sweep off entire fly with stiff bristle broom.
3. Wash with water and mild degreaser detergent. Power wash with mild degreaser if necessary.
4. Rinse to remove all soap residues.
5. Air dry.

B. Repair

1. Repair any small rips, tears (generally 1 inch or less), or any other defects.
2. Replace missing or damaged guy ropes with NFES #001043, 25’ X ¼” manila rope w/ one tension dowel. 10 EA of NFES #001043 per NFES #006131 Fly.
3. Replace missing or damaged grommets with ⅝” brass grommets.

C. Testing for performance

- None

D. Repackaging

1. Utilize flat, clean surface greater than 20’ X 20’

2. Fold lengthwise once, fold lengthwise again and sweep each after each fold until fly is in neat, tight bundle.
3. Secure fly with strapping, ¼" manila or similar rope.
4. Recommended packaging 1 each in NFES #002006 carton (23" x 19" x 10").

Fly – Plastic, Tent, 16' X 24' with 10 Guy Ropes

NFES Status
Active
NFES #
000070
Category
Camp
Updated
Thu, 03/01/2018 - 12:00
Storage and Shelf Life Checks
None

Initial Inspection/Disposal Criteria

1. Visually inspect for rips and tears, mold or mildew, and petroleum or other stains on the main sheet; inspect borders for seam damage and loose grommets.
2. Return to stock if item is clean and appears to be in unused condition.
3. Refurbish item if item can be cleaned, damages are repairable and economically feasible.
4. Dispose of items that are nonstandard and any items that are damaged or soiled beyond repair or refurbishment. Tears greater than 1 inch in length will render the fly unserviceable.

Refurbishing Procedures

A. Cleaning

1. Completely unfold tent fly on clean, dry floor or work area so that any defects (tears, burns, mildew, etc.) will be visible.
2. Sweep off entire fly with stiff-bristle broom.
3. Wash with water and mild degreaser detergent.

4. Rinse to remove all soap residues.
5. Air dry.
6. If items are taken to vendor laundry facilities for refurbishment; ensure that they receive a copy of this refurbishment standard. The laundry facility must satisfy both--the requirements as set by the manufacturer specification and the agreement made with the local agency.

B. Repair

1. Repair any minor rips, tears (generally 1 inch or less), or any other defects at this time (if possible)
2. Replace missing or damaged grommets with ⅝" brass grommets.
3. Replace missing or damaged guy ropes with 25' X ¼" manila rope with one slider (NFES #001043. 10 each of NFES# 001043 per NFES #000070 Fly.

C. Testing for performance

- none

D. Repackaging

1. Utilize a flat, clean surface greater than 20' X 20'.
2. Fold lengthwise once, fold lengthwise again, and sweep after each fold until fly is in neat, tight package approximately 16" X 24".
3. Secure fly with ¼" manila or similar rope.
4. 1 each in NFES #000823 carton (15" x 15" x 10").

Cot – Folding, 12 oz Cover, 3½' x 6½'

NFES Status
Active
NFES #
000053
Category
Camp
Updated
Mon, 05/01/2017 - 12:00
Storage and Shelf Life Checks
None

Initial Inspection/Disposal Criteria

1. Visually inspect for tears in cover, soiled cover, missing parts, and loose nuts and bolts, replace.
2. Dispose of cot if structural damage to the frame is present.
3. Return to stock if item is clean and in unused condition
4. Dispose of item if it fails initial inspection or is not repairable.
5. Salvage usable parts when feasible.

Refurbishing Procedures

A. Cleaning

1. Assemble to ensure completeness and all parts fitting properly.
2. If rail end tubing will not install properly wet cot to stretch nylon cover.
3. Soiled cots can be power washed and left to dry.
4. Wipe cot with commercially available disinfectant if not power washing.

B. Repair

1. If cover is torn or its seam is separated, replace the cover.
2. Replace damaged rail end tubing pieces.
3. If plug for cot ends are missing replace them with the appropriate plug.

- Parts list for cot parts available from Department of Defense-S9I
- Cover, Nylon 7105-00-935-1845 • Rail End Tubing 7105-00-935-0424
- Plug (Dowel) 7105-00-935-0433 • Plug (Spacing) 7105-00-935-0344
- Plug (End) 7105-00-935-0435
- Strap 7105-00-113-0003

C. Testing for Performance

- None

D. Repackaging

1. Refold and band.
2. Local cache option

Cord – Light, 50', with Multiple Light Sockets, AWG, 12/3 Wire

NFES Status

Active

NFES #

000563

Category

Camp

Updated

Mon, 05/01/2017 - 12:00

Storage and Shelf Life Checks

None

Initial Inspection/Disposal Criteria

1. Visually inspect for broken plugs, cracked or damaged cord, cracked or damaged sockets, bent or broken bulb guards.
2. Dispose of or repair if bulb guards are bent or missing.
3. Replace any cracked or broken light sockets.
4. Dispose of any broken, frayed, or burned cords.
5. Dispose of any cords that are not UL approved with a 12/3 gauge minimum wire.
6. Return to stock if item is unused.
7. Refurbish item if has been used or damage is repairable.

Refurbishing Procedures

A. Repair

- Repair or replace guards.

B. Cleaning

1. Wipe down cord with a mild detergent solution to remove mud, dirt, and grease.
2. Clean guards with soapy water, brush, and scouring pad.
3. Do NOT soak.
4. Dry completely before use (due to possible electric shock).

C. Testing for Performance

- Plug cord into 110v source and test each socket by screwing in a bulb or testing with voltage tester at cache option.

D. Repackaging

- Local cache option for coiling and repacking.

Cord – Extension, 50' AWG, 12/3 Wire

NFES Status
Active
NFES #
000560
Category
Camp
Updated
Thu, 03/01/2018 - 12:00
Storage and Shelf Life Checks
None

Initial Inspection/Disposal Criteria

1. Visually inspect for broken plugs, cracked, or damaged cord, if any dispose of.
2. Return to stock if item is unused.
3. Refurbish if item passes initial inspection.
4. Dispose of field modified cords.
5. Dispose of if ends with grounding prong are removed or damaged.
6. Dispose of any cord that is not UL approved with a 12/3 gauge minimum wire.

Refurbishing Procedures

A. Cleaning

- Wipe down cord with damp cloth to remove foreign material.

B. Repair

- None

C. Testing for Performance

- Plug into 110V source, and plug light into other end to ensure no connecting problems.

D. Repackaging

1. Rollup cord (approximately 12—14” loop).
2. Tie off with zip ties or Strapex banding (minimum of 1 per cord).
3. Suggested repack cartons for NFES #000560:
    - 5 each in NFES #002006 carton (23” x 19” x 10”)
    - 3 each in NFES # 008070 carton (18” x 15” x 5.5”)
    - 1 each in NFES #008066 carton (12” x 9” x 10”)
4. Suggested repack carton for NFES #001172:
    - 2 each in NFES #008070 carton (18” x 15” x 5.5”)

Cord – Extension, 100" AWG, 12/3 Wire

NFES Status

Active

NFES #

001172

Category

Camp

Updated

Mon, 05/01/2017 - 12:00

Storage and Shelf Life Checks

None

Initial Inspection/Disposal Criteria

1. Visually inspect for broken plugs, cracked, or damaged cord, if any dispose of.
2. Return to stock if item is unused. 3. Refurbish if item passes initial inspection.
3. Dispose of field modified cords.
4. Dispose of if ends with grounding prong are removed or damaged.
5. Dispose of any cord that is not UL approved with a 12/3 gauge minimum wire.

Refurbishing Procedures

A. Cleaning

- Wipe down cord with damp cloth to remove foreign material.

B. Repair

- None

C. Testing for Performance

- Plug into 110V source, and plug light into other end to ensure no connecting problems.

D. Repackaging

1. Rollup cord (approximately 12—14” loop).
2. Tie off with zip ties or strappex banding (minimum of 1 per cord).
3. Tag cord with proper NFES number.
4. Suggested repack cartons for NFES #000560:
    - 5 each in NFES #002006 carton (23” x 19” x 10”)
    - 3 each in NFES # 008070 carton (18” x 15” x 5.5”)
    - 1 each in NFES #008066 carton (12” x 9” x 10”)
5. Suggested repack carton for NFES #001172:
    - 2 each in NFES #008070 carton (18” x 15” x 5.5”)

Chest – Ice 48 QT.

NFES Status

Active

NFES #

000557

Category

Camp

Updated

Thu, 03/01/2018 - 12:00

Storage and Shelf Life Checks

None

Initial Inspection/Disposal Criteria

1. Visually inspect for damage, cracks, broken, melted parts or evidence of leakage, if any dispose of.
2. Inspect lid for proper closure and working hinges.
3. Inspect handles.
4. Inspect drain plug for leakage or any damage.
5. Refurbish if damage is determined to be repairable.
6. Return to stock if item is clean, undamaged and/or in unused condition.
7. Dispose of item if damage is determined to be unrepairable or if stains cannot be cleaned.
8. Salvage any usable parts for future repairs.

Refurbishing Procedures

A. Cleaning

1. Use pressure washer to clean inside and outside of ice chest. Disinfect per Cache direction.
2. If necessary clean stains with a scrubbing pad and mild detergent.
3. Rinse thoroughly.
4. Stand upside down to air dry and/or wipe down completely to dry.

B. Repair

1. Lid – replace hinges if possible
2. Handles –replace if possible
3. Drain plug– replace if possible
4. Spray paint top lid of ice chest if any unwanted writing is present
5. If ice chest has water inside the lid drill a 1/8” hole in lid to take out excess water, use glue from a hot glue gun to fill the hole after completely drained and dry.

C. Testing for Performance

- If drain plug was replaced, add water to inside of ice chest to ensure drain is not leaking.

D. Repackaging

1. Stencil and spray paint or use permanent marker to apply NFES #000557 to the exterior of the chest.
2. Band clean/dry ice chest with one band.
3. Palletize per local cache option.

Bottle-Spray, Plastic, W/Oz Markings, 12-32 Oz

NFES Status
Active
NFES #
009985
Category
Camp
Updated
Wed, 07/01/2020 - 12:00
Storage and Shelf Life Checks
None

Initial Inspection/Disposal Criteria

1. Inspect for sanitizing solution in container. If any, dispose of properly.
2. Inspect for indelible writing or marks on the bottle. If it cannot be removed, salvage available parts, and dispose of bottle.
3. Inspect for leaks or separation along any seams, or screw in connection points. Dispose of container if any are present.
4. Inspect inside of container for any foreign matter that cannot be removed or identified. Dispose of container if this has occurred.
5. Inspect all threads, moving parts, or spraying mechanism for serviceability. If economical to repair, use only manufacturer-specific parts for replacement. If not economical, dispose of sprayer.
6. Return to stock if item does not show any signs of use and passes visual inspection.
7. Refurbish if item has been used and/or damage is repairable.

Refurbishing Procedures

A. Cleaning

1. Drain all existing sanitizer and dispose of properly. See Safety Data Sheets (SDS) for recommendation.
2. Wash container inside and out with mild detergent with brush/scouring pad or garden hose.
3. Rinse thoroughly. Fill bottle with clean water and use the spraying mechanism to rinse out feed tube and spray head.
4. Turn upside down with lids off or open and let air dry.

B. Repair

1. Replace gaskets if stiff, damaged, or missing.
2. Assemble sprayer with clean water in the bottle. Use the spraying mechanism spray water through spray head. While pumping, ensure there are no leaks and that the pumping mechanism is functioning properly. Hold the bottle upside down and check all connections for leaks. Replace gaskets, spray heads, and feed tubes as needed and economical to repair.
3. Replace spray heads as needed using only manufacturer replacement parts.

C. Testing for Performance

- None

D. Repackaging

- Local cache option.

Blanket – Bed, Wool, 66" x 84"

NFES Status
Active
NFES #
000441
Category
Camp
Updated
Mon, 05/01/2017 - 12:00
Storage and Shelf Life Checks

None

Initial Inspection/Disposal Criteria

1. Inspect for visible stains, rips, burns, or tears, mend if economically feasible, if not dispose of.
2. Inspect for possible mildew, if so dispose of.
3. Inspect for liquids and other contaminants such as body fluid.
4. Return to stock if item is in clean serviceable conditions with no soiling, use or damage.
5. Dispose of item if unable to repair.
6. Refurbish if the item needs to be cleaned and/or damage can be repaired economically.

Refurbishment Procedures

A. Cleaning

- Wool blankets must be DRY CLEANED ONLY.

B. Repair

- Use a professional seamstress or laundry service that provides mending services.

C. Testing for Performance

- None

D. Repackaging

1. Individually pack in plastic or waterproof bag.
2. Pack 15 each in NFES #000644 carton (33” x 16” x 22”).

Bag – Tent, personal gear pack

NFES #

000281

Category

Camp

Updated

Mon, 05/01/2017 - 12:00

Storage and Shelf Life Checks

None

Initial Inspection/Disposal Criteria

1. Inspect the fabric and webbing for any holes, cuts, tears, burns or torn seams that are not economical to repair, if any dispose of.
2. Inspect for and replace any fastener missing or that does not provide adequate closure.
3. Inspect for excessive dirt or fuel stain that cleaning cannot eliminate, dispose of.
4. Any zipper that does not close properly should be replaced if economical, otherwise dispose of.
5. Dispose of item if unable to repair.
6. Inspect for any writings, drawings, if any dispose of.

Refurbishing Procedures

A. Cleaning - CLASS 4 CORDURA (MACHINE WASH OK)

1. Allow any mud or loose dirt to dry, and remove using a stiff-bristle brush. If stains remain, wash as recommended below.
2. Remove light oil and dirt stains by brushing with a solution of warm water and a mild detergent, rinse thoroughly, and hang to dry. “Mild detergents” includes most home laundry detergents that contain no chlorine bleach or added scents.
3. For heavier oil or grease, soak in water-soluble biodegradable degreaser for at least 30 minutes, brush with a bristle brush, rinse thoroughly, and hang to dry.
4. If machine washing, use only cold water on a gentle cycle and air dry.
5. Where no other method is cleaning the fabric, wash with pressure washer set at wide fan, warm water, and only allow nozzle close enough as necessary for cleaning, the further away the better for the fabric.

DO NOT MACHINE DRY. DO NOT USE BLEACH.

B. Repair

1. Repair holes, cuts, or tears.
2. Replace nonfunctioning hardware, if economical.

C. Testing for Performance

1. Test hardware by fastening and unfastening the item. The hardware should function easily with little force being applied and with no difficulty in the release.
2. Open and close zipper to test. The zipper should operate smoothly through its full length.

D. Repackaging

- Suggested packaging is 20 bags in NFES #002006 carton (23” x 19” x 10”).