



## SNOW AND ICE ALLEVIATION PLAN

### 1. PURPOSE:

- a. To delineate the procedures used to effectively removal snow and the alleviation of slippery conditions so as not to impede traffic and to ensure the safety of pedestrians of the arsenal at large.
- b. To describe the procedures used to notify and communicate with emergency and support personnel (Motor Pool, Motor Vehicle Maintenance, and Emergency Control Center) and the methods for assuring that equipment and vehicles necessary to perform tasks are equipped and ready for service.

### 2. PRIORITIES

- a. Priority One: The roads, parking lots, and buildings to support the opening of the Post.
- b. Priority Two: The roads, parking lots, and buildings that must be cleared as soon as possible after the Post opens for business.
- c. Priority Three: The remainder of the installation. Priority Three will be cleared as soon as it is practical to do so.
- d. Priorities are depicted on the Master Snow Removal Map, which is maintained and updated by Chugach Industries, Inc. (CII).

### 3. RESPONSIBILITIES:

- a. CII Project Manager has overall responsibility to the Garrison and the implementation of this plan.
- b. CII Deputy Project Manager has overall responsibility to the Garrison and the implementation of this plan, in cases where the CII Project manager is not present during an event.
- c. CII PW Manager has overall responsibility to formulate this plan and to assure that the necessary resources are available to support ice and snow alleviation efforts.
- d. CII Facilities Supervisor assigns the resources necessary in Public Works in proportion to the severity of the ice/snow event. That includes borrowing manpower from other shops to augment the Roads and Grounds shop as needed.
- e. CII PW Management Team is responsible for assigning the manpower to the specific equipment items, for assignment of the work in the field, and for reporting of each snow/ice events.
- f. CII Safety Team is responsible fro Cold Weather Safety Training and supply of Personal Protective Wear.
- g. CII Logistic Team is responsible for the care, repair, maintenance, cleaning and storage of all snow equipment and vehicles

4. Associated Documentation:

- a. Snow Removal Map (attachment)
- b. DPW SOP 420-10, (written April 27 1999, last updated May 02 2000)(attachment)
- c. PWS, Section C-5, Para. 5.3.4.18 through 5.3.4.27
- d. Snow Removal and Ice Alleviation Plan Checklists (attachment)
- e. Snow Removal and Ice Alleviation Inspection Checklists (attachment)

5. OPERATIONS:

- a. Pre-treatment of Installation roadways will be accomplished with a salt brine solution. This activity may be performed up to 48 hours prior to a winter event depending on surface temperature and precipitation forecast.
- b. CII Snow Control Center is located in building 13 north, to direct all snow and ice alleviation operations. The snow removal team remains in continuous radio/phone contact with operating personnel and the Picatinny Police to respond with emergency assistance when needed. When active snow removal operations are taking place, the PW management representative will meet with the PAPD Shift Commander and Garrison Commander at 0330 and again at 0530 to determine operational requirement.
- c. Snow forecast will be monitored and Snow Removal Operations start times will be determined at least 24 hours prior to the anticipated storm arrival time. Isolated instances of deicing requirements will be handled by an on call basis.
- d. The CII PW Manager is the designated chief of the ice and snow removal effort for Chugach Industries, Inc. When notified by the Picatinny Police that hazardous ice or snow accumulation is taking place the Manager will evaluate the situation and call in resources as appropriate.
- e. In order to increase support to the ice and snow removal CII will consider augmenting its workforce. Supplemental manpower (laborers) will assist by shoveling sidewalks steps, and ramps, we will pre-arrange for the labor augmentation whenever four (4) inches of snow is predicted. Any agreement CII implements will require laborers who can be badged and have a proper visitor registration badge for access to the Post.
- f. Sanding and salting operations will begin whenever hazardous conditions exist to alleviate ice conditions and provide secure footing.
- g. When accumulation reaches one (1) inch, CII will remove snow, including drifts or piles that exceed one (1) inch, from sidewalks, steps, landings, and entrance ramps so as to ensure a pathway at least four (4) feet wide is maintained free of snow accumulation. This may require multiple snow and ice removals each day. That includes snow removal and ice alleviation along sidewalks, handicap ramps, and on stairways for buildings as noted on the attached "Sidewalk Snow Removal Building List".
- h. For facilities that the Chugach Industries, Inc. are assigned, it will be the responsibility of each building manager or designee to ensure grit and/or snow melt pellets is applied to steps and landings and they shall remove snow from in-

front of all doors, from all landings and steps, and from the walk leading to the main walk, parallel to the road.

- i. The Chugach Industries, Inc. snow and ice control program will provide continuous mission capability by removing snow and ice from installation pavements, parking lots, and sidewalks, as per attachments. Chugach shall perform snow removal and ice alleviation around existing security measures, including building barricades and road barricades without damage or removal of barricades.
- j. Chugach Industries, Inc. will maintain Government-owned snow removal equipment in a fully operational condition. At the end of the snow season, CII will ensure that all Government owned snow removal equipment is properly cleaned and stored to prevent deterioration or abuse of equipment. A listing of the snow removal equipment is attached.
- k. Plowing operations shall begin when the accumulation of snow is two (2) inches on surfaced areas unless otherwise directed by the COR. Snow removal and ice alleviation procedures shall continue until hazardous conditions no longer exist on surfaced areas.
- l. Chugach Industries, Inc. will repair all damage created by snow removal operations to include, but not limited to, replacing bumper blocks, repairing curbs, and repairing or replacing sod.
- m. Chugach Industries, Inc. will place calcium chloride buckets at each means of access for all normally occupied buildings. The buckets will normally be placed in the vestibule so that the building occupants can apply the calcium chloride to the steps, ramps, and sidewalks as required. When notified by the building manager or designee, Chugach Industries, Inc. will replenish the calcium chloride supply; when requested by the FACO or Building Manager.
- n. Quality Control Representatives will sample selected roads, buildings, parking lots, dumpsters, sidewalks and handicap ramps to ensure that the snow and ice alleviation process has been effective and meets all of the required standards.

Attachments:

Master Snow Removal Map

Employee Callback list (name, current phone numbers and trade).

Salt bucket locations, noting location and number of buckets.

Parking Lot Priority list

Refuse Dumpster locations

Recycled Dumpster locations

Fire hydrants

Snow Removal Equipment

Ramps, Steps and Doors by building number