**1.Start**

**2.Chek what happened outside.**

**3.Accroding to the situation, move on the right direction (4,11,17).**

**4. Snow piled up on the floor.**

**5. Checking precipitation accumulation**

**6. Accumulation of Snow : <= 2.5cm** If it is within a given range  
 Yes: checking the temperature  
 If temperature:<-10℃  
 yes : operating a sand truck(light), Go to End  
 no : checking next temperature standard  
 If temperature: -10℃ ~ -5℃  
 yes : operating a salt truck(light), Go to End  
 no : checking next temperature standard  
 Temperature: >-5℃  
 No Action Required. Go to End  
  
 NO : checking next height standard

**7. Accumulation of Snow : 2.6 ~ 5.0 cm** If it is within a given range  
 Yes: checking the temperature  
 If temperature:<-10℃  
 yes : operating a sand truck(Normal), Go to End  
 no : checking next temperature standard  
 If temperature: -10℃ ~ -5℃  
 yes : operating a salt truck(Normal), Go to End  
 no : checking next temperature standard  
 Temperature: >-5℃  
 No Action Required. Go to End  
  
 NO : checking next height standard

**8. Accumulation of Snow : 5.1 ~ 15.0 cm** If it is within a given range  
 Yes: checking the temperature  
 If temperature: <-10℃  
 yes : operating a snow plow truck and sand truck(Normal), Go to End  
 no : checking next temperature standard  
 If temperature: -10℃ ~ -5℃  
 yes : operating a snow plow truck and salt truck(Normal), Go to End  
 no : checking next temperature standard  
 Temperature: >-5℃  
 yes : operating a snow plow truck, Go to End  
  
 NO : checking next height standard

**9. Accumulation of Snow : 15.1 ~ 45.0 cm** If it is within a given range  
 Yes: checking the temperature  
 If temperature: <-10℃  
 yes : operating two snow plow trucks and a sand truck(Normal), End  
 no : checking next temperature standard  
 If temperature: -10℃ ~ -5℃  
 yes : operating two snow plow trucks and a salt truck(Normal), Go to End  
 no : checking next temperature standard  
 Temperature: >-5℃  
 yes : operating two snow plow trucks, Go to End  
  
 NO : checking next height standard

**10. Accumulation of Snow : >=45.1 cm** State of emergency (Organize army and other jurisdiction support), Go to End

**11. Ice piled up on the floor.**

**12. Checking precipitation accumulation**

**13.** **Accumulation of ice <= 3mm.**  
 If yes, no action required. Go to End  
 Else, check the next standard of height.

**14. Accumulation of ice ranging between 3.1mm – 5 mm.**  
 If yes, check the temperature zones ,  
 For Temperature : < -10  
 If yes, 1 normal sand truck required for help Go to End  
 Else, check the next temperature zone.

For Temperature : -10 to -5  
 If yes, 1 normal salt truck required for help Go to End  
 Else, check the next temperature zone.

For Temperature : > -5  
 If yes, No action required. Go to End  
 Else, end.  
 Else, jump to the next standard of height.

**15. Accumulation of ice ranging between 5.1mm-15mm**  
 If yes , check the temperature zones ,  
 For Temperature : <-10  
 If yes, 2 heavy sand trucks required for help . Go to End  
 Else, check the next temperature zone

For Temperature : -10 to -5  
 If yes, 2 heavy salt trucks required for help . Go to End  
 Else, check the next temperature zone

For Temperature : >-5  
 If yes, 1 heavy salt truck required for help . Go to End  
 Else, end  
 Else , jump to the next standard of height .

**16. Accumulation of ice ranging >=15.1mm**  
 State of Emergency : Army and other jurisdiction support needed. Go to End

**17. Snow and ice piled up together.**  
**18. Checking precipitation accumulation**

**19. Accumulation of Snow and Ice : <= 2.5cm**  
 If it is under or same with 2.5  
 Yes: No Action Required , Go to End  
 No: checking next height standard

**20. Accumulation of Snow and Ice : 2.6 ~ 5.0 cm** If it is within a given range  
 Yes: checking the temperature  
 If temperature:<-10℃  
 yes : operating a snow plow truck and sand truck(light), Go to End  
 no : checking next temperature standard  
 If temperature: -10℃ ~ -5℃  
 yes : operating a snow plow truck and salt truck(light), Go to End  
 no : checking next temperature standard  
 Temperature: >-5℃  
 yes : operating a snow plow truck  
  
 NO : checking next height standard

**21. Accumulation of Snow and Ice : 5.1 ~ 15.0 cm** If it is within a given range  
 Yes: checking the temperature  
 If temperature: <-10℃  
 yes : operating a snow plow truck and sand truck(heavy), Go to End  
 no : checking next temperature standard  
 If temperature: -10℃ ~ -5℃  
 yes : operating a snow plow truck and salt truck(heavy), Go to End  
 no : checking next temperature standard  
 Temperature: >-5℃  
 yes : operating a snow plow truck and salt truck(normal), Go to End  
  
 NO : checking next height standard

**22. Accumulation of Snow and Ice : 15.1 ~ 45.0 cm** If it is within a given range  
 Yes: checking the temperature  
 If temperature: <-10℃  
 yes : operating two snow plow trucks and a sand truck(heavy), Go to End  
 no : checking next temperature standard  
 If temperature: -10℃ ~ -5℃  
 yes : operating two snow plow trucks and a salt truck(heavy), Go to End  
 no : checking next temperature standard  
 Temperature: >-5℃  
 yes : operating two snow plow trucks and a salt truck(light), Go to End  
  
 NO : checking next height standard

**23. Accumulation of Snow and Ice : >=45.1 cm** State of emergency(Organize army and other jurisdiction support) , Go to End

**24. End**