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**Subject-Applied Problem Solving (APS-145)**

**Group-3 Member-6**

**ICE (PSEUDOCODE)(LOGIC-3)**

1) Start.

2) Input the ICE Accumulation and Temperature.

3) IF ICE Accumulation is less than or equal to 3.0mm.

Then No Action Required.

4) IF ICE Accumulation is greater than 3.0mm and less than or equal to 5.5mm.

IF Temperature is less than -15.0.

Then 1(Normal) Sand Trucks is required.

IF Temperature is between -15.0 and -7.0.

Then 1(Normal) Salt Trucks is required.

IF Temperature is less than -7.0 .

Then No Action Required.

5) IF ICE Accumulation is greater than 5.5mm and less than or equal to 17.0mm.

IF Temperature is less than -15.0.

Then 2(Heavy) Sand Trucks is required.

IF Temperature is between -15.0 and -7.0.

Then 2(Heavy) Salt Trucks is required.

IF Temperature is less than -7.0 .

Then 1(Heavy) Salt Trucks is required.

6) IF ICE Accumulation is greater than 17.0mm.

Then call to State of emergency (Organize army and other jurisdiction support).

7) END