**PROFLOW DIAGRAM FOR IODIZED SALT PROCESSING**

**Raw Salt Receiving**

**PROCESS FLOW DIAGRAM FOR SALT**

 **No**

 **Yes**

 **Common Salt**

 **Table Salt CCP**

Check M.C, NaCl, Impurity, color, insoluble matter

Water

Quality Check

 **No**

Reject the raw salt

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Mud & Scum

 **Yes**

Floating and Settling

Storage

Brining

Transporting by loader

Damping

Brine Solution

Conveying

Checking Flow, Concentration and Impurity

Magnetic Separator

Metals

Impurities

Manual Separating

Washing

(Brine Solution)

Over flow to brine pond

Filtrate

Centrifugation and Filtration

KIO3 receiving

Screw Conveying

Dosing to Bucket

Packing

Fluid Bed Drying

Dissolving (mixing)

Storage

 **Common Salt**

Vibratory Sieving

Dosing Tanker

Magnetic Separator

Pumping (Iodine)

Filling and Packing

 **Table Salt**

Storage

**PROCESS FLOW DIAGRAM FOR IODIZED SALT RE-PACKING**

 **CCP**

 **No**

 **Yes**

**Note that: CCP – means Critical Control Point**

Check Iodine content, M.C, Insoluble matter, color

Iodized Salt Receiving

Quality Check

 **No**

Reject the Salt

 **Yes**

Storage of Checked Salt

Check the Iodine, M.C., Insoluble matter

Un-sewing the PP or other bag

 **CCP**

Filling and Weighing

Packing and Labelling

Storage