#### CANNING OF INDIAN MACKEREL IN BRINE / OIL

**Aim:** To study the canning of Indian mackerel in brine / oil

**Introduction:** Canning of Indian mackerel in brine / oil involves addition of a filling medium unlike the natural style. Further, the dressed fish are precooked and drained to improve the appearance of the finished product.

**Product Code** : MKL-Mackerel in brine

MK3-Mackerel in oil.

Cans Used : a) No. 1 Tall cans, S-R lacquered

b) 8-Oz. cans, S-R lacquered

Std. Net Weight : a) 425 grams for No. 1 Tall cans.

b) 210 grams for 8-Oz. cans

Std. Solid Weight : Min. 65% of Net weight

## **Materials & Equipment:**

Fish, common salt, table salt, wooden trays, tables, cutting boards, knives, tubs, cans, can closing machine, retort etc.

### Procedure

Raw Material : Fresh fish (whole)

Washing :

Weighing :

Dressing :

Washing :

Size Cutting Dressed fish are size cut to 10.8cm.for No.1 tall can and 5.5cm for 8-Oz. can Washing Weighing : Brining By immersing in saturated brine for 8-12 minutes Dip the product in fresh water and remove quickly Dipping Pack the product into the cans to net weight. Add 2 to 3 grams extra. **Packing** The packed cans are precooked in steam at 100°C (0 psi) for 30 minutes Precooking in case of No.1 Tall cans and 20 minutes for 8-Oz. cans Draining Drain the cooked cans by inverting the cans over a perforated wooden tray for 10 minutes. Add hot (80°C) brine, salt (3%) and oil to net weight +2 to 3 grams **Filling** extra. Seaming By vacuum seaming or after proper heat exhausting Can washing At 115°C (10 psi) for 90- 95 minutes in case of No. 1 Tall cans and 70 Retorting minutes for 8-Oz. cans (oil filled cans generally require slightly more time than brine packs) Cooling

Dryir	1g		:
J			

Labeling :



Storage

# **Observations:**

Weight of raw material :

Weight of dressed fish :

Weight of fish after precooking :

Weight of fish packed :

Quantity of filling media added :

Number of cans produced :

Number of persons involved & hours worked:

### **Calculations:**

Calculate the dressed fish yield; precook loss, canning yield, yield rate and efficiency