

APPENDIX N—continued.

Temperatures—

- (1) to (3A) Cool or not in use.
- (4) to (6) 0° F. to 6° F.
- (7) 6° F.

Remarks : These are the temperatures given by the firm. In the only room which had a thermometer available (No. 6) the temperature was 15° F., but the machines had only been operating a few hours. Icemaking equipment—No. 1 tank : 7 ton ; No. 2 tank : 2 ton. Both refrigerating units are capable of being operated on any chamber, series of chambers, or either of the two icemaking tanks. Chambers 2 to 3A have wooden walls and Nos. 2 and 3 require renovation. No. 3A is not in use at all. Chambers 4 to 6 have concrete walls and are in good order. No. 7 has wooden walls, but is in good order. It was not in use as a refrigerated store at the time of our inspection, but was used as a general store for odd material and equipment.

Taylor Bros., Thames :—

Refrigeration units : Lindé, 4 ton ; Humber, 2 ton.
Power unit : Water drive, 1½ in. nozzle, 65 lb. pressure.
Chambers : Two, as under :—

No.	Size.	Piping.	Use.
1	14 ft. by 12 ft. by 6 ft.	258 ft.	Chill only.
2	14 ft. by 12 ft. by 6 ft.	..	Not in use.

Icemaking plant : 1½ tons in twenty-four hours.
Remarks : These chambers were in a poor condition, wooden roofs, wooden walls, and the insulation (10 in. pumice) must have been full of water as water was dripping from holes in the roof lining. If the industry is licensed and it is a condition of the granting of such license that adequate plants be installed, this plant would have to be practically rebuilt to make it suitable for freezing fish for export.

Shortland Fish Co., Thames :—

Refrigeration unit : Lindé, 6 ton.
Power unit : Electric motor, 40 h.p.
Chambers : Three, as under—

No.	Size.	Piping.	Insulation.	Use.
1	36 ft. by 18 ft. by 9 ft. ..	1,008 ft.	9 in. pumice	Chill room.
2	36 ft. by 18 ft. by 9 ft. ..	1,008 ft.	9 in. pumice	Never used.
3	36 ft. by 18 ft. by 9 ft. ..	1,008 ft.	9 in. pumice	Never used.

Remarks : The chambers have wooden walls and roof, but concrete floors, and appear to be in fair order. In the only room in use a quantity of ice on the floor, probably frozen drippings, would tend to make it unsafe for workers.

Co-operative Fisheries (N.Z.), Ltd., Thames :—

Refrigeration unit : Sterne, 12 ton.
Power unit : Electric motor, 25 h.p.
Chambers : Two, as under—

No.	Size.	Piping.	Use.
1	16 ft. by 12 ft. by 7 ft.	256 ft., plus two large brine-tanks	Cool-room.
2	12 ft. by 12 ft. by 7 ft.	726 ft.	Cool-room.

Insulation : 4 in. cork throughout.
Remarks : This plant was in excellent condition. It is well kept, the chambers being concrete all over and the piping in good order. A standby refrigeration unit, a duplication of the present one, has been acquired, but is not yet installed.

Auckland.

Sanfords Ltd., Auckland :—

Refrigeration units : (a) 30 ton ; (b) 30 ton ; (c) 30 ton.
Power units : Electric motors—(a) 60 h.p. ; (b) 60 h.p. ; (c) 60 h.p.
Chambers : Seventeen and ice-room, as under :—

No.	Size.	Use.
1	7 ft. 6 in. by 11 ft. 9 in. by 17 ft. 8 in. ..	Sharp freezer.
2	8 ft. by 17 ft. 6 in. by 22 ft. 6 in. ..	Chill-room.
3	7 ft. 6 in. by 11 ft. 9 in. by 17 ft. 8 in. ..	Sharp freezer.
4	8 ft. by 17 ft. 6 in. by 26 ft. ..	Store.
5	8 ft. by 18 ft. by 26 ft. ..	Store.
6	12 ft. by 6 ft. by 8 ft. 6 in. ..	Chill-room.
7	12 ft. by 6 ft. by 8 ft. 6 in. ..	Chill-room.
8	12 ft. by 6 ft. by 8 ft. 6 in. ..	Chill-room.
9	12 ft. by 6 ft. by 8 ft. 6 in. ..	Chill-room.
10	12 ft. by 6 ft. by 8 ft. 6 in. ..	Chill-room.
11	8 ft. 6 in. by 11 ft. 9 in. by 11 ft. 9 in. ..	Chill-room.
12	8 ft. 6 in. by 12 ft. by 12 ft. ..	Chill-room.
13	8 ft. by 12 ft. by 12 ft. ..	Store.
14	8 ft. by 28 ft. by 12 ft. 6 in. ..	Store.
15	24 ft. by 17 ft. by 8 ft. 3 in. ..	Sharp freezer.
16	24 ft. by 16 ft. 6 in. by 8 ft. 3 in. ..	Storage.
17	8 ft. by 15 ft. by 18 ft. 9 in. ..	Storage.
Ice-room	44 ft. by 42 ft. by 9 ft. ..	..