En route it passed through a vapour sap-stain treatment, which is dealt with separately in this report.

Off sorting chain, timber was pulled off on the other side to slip trucks and filleted; provision was made for 35 trucks:—

For one-line production .. .. 5 men.
For two-line production .. .. 8 men.

This sorting-table differed from the conventional type in that it was operated on eccentric and lifted approximately $\frac{3}{4}$ in. at each forward movement of 15 in. and then lowered and paused.

At each point of pause, light rollers 15 in. long were let into the frame of the sorting-table on which the timber was pulled whilst the table was at pause in the lowered position, thus leaving the rollers above the level of the sorting-table.

Behind the men pulling off were similar rollers, adjustable for height, over which the timber was passed to the trucks below.

The sorting chain was built up some 6 ft. and timber was passed down to the trucks until they were practically loaded.

This plant was sorting to $\frac{1}{2}$ in.-diameter classes, and had the following throughput of logs per hour, average 15 ft.:—

To 6 in. logs	122	$9\frac{1}{2}$ in. logs	87
6 in. to 7 in. logs	117	10 in. logs	64
6 in. to $7\frac{1}{2}$ in. logs	107	$10\frac{1}{2}$ in. logs	60
8 in. logs	98	$11\frac{1}{2}$ in. logs	50
$8\frac{1}{2}$ in. logs	92	$12\frac{1}{2}$ in. logs	42
9 in. logs	92		

It was powered by electric motors having 120 h.p. for each pair of frames, 40 h.p. each edger, 50 h.p. on fuel hog, and 30 h.p. on conveyers.

This company also operated kilns, planing plant, manufacturing department for doors, garden furniture in packets, standardized furniture, and interior fittings in prefabricated form, wooden pipes, and joinery.

Plants visited and not detailed in this report comprise:—

Sweden

Iggesunde Bruk AB.	Iggesunde
Bervik och Ala Nya AB.	Soderhamn
Korsnas AB.	Gavle
Uddeholm AB.	Uddeholm
Erickson	
Jadarberg and Co.	
Florsjon	Hesigme

Finland

Aug Eklof AB.	Bonga
Mr. Palio	Ruhimaki

and a few others of which no record was kept.

CHAPTER IV—SAWMILLING METHODS IN NORWAY

Norway was deserving of more time than I was able to give it, as, in my opinion, conditions in Norway are more similar to New Zealand than Sweden and Finland. Due to limited time, I did not visit log frame mills in Norway, but concentrated on other types of equipment and manufacture.

No detailed accurate figures could be obtained as to the proportion of production produced by log frames, circular log edgers with following equipment, and small-type circular mills.