

ABSTRACT

Taufik Lubis, “scheduling and sequencing of sew machines in PT. Hazmin Fara Medan”, my instructor I is Mr. Ir. Kamil Mustafa, MT, instructor II is Mr. Raspal Singh, MT.

PT. Hazmin Fara Medan, is a national private corporation operating the jeans, shirts, and coats. .

The objective of this research is to get the approach method of solving the problem, one of them is to schedule the production, i, e, sequencing the works to be completed by types in production units.

From the result of observation there are subgroups of observation based on work groups beginning from jobs one to seven : chain-funnel sewing and resleting, rear center sewing and base front-pocket sewing, outer jeans pocket, front key pocket, side and belt, coin-jeans mark sewing and skin mark sewing, waist, and combination of front and rear section of jeans, in machine one. And time taken to complete the group of work is as follows :

Machine	1	2	3	4	5	6	7
I	0,23	0,74	1,65	0,99	2,28	0,95	1,07
II	0,66	0,71	4,64	0,98	1,74	0,91	2,42

This utilization is done by increasing the production utility or (resources) by reducing reducing the idle time of production units in this corporation. Another

utilization can be made by minimizing the average time of work. The approach stage in this scheduling is to identify the weakness existing in scheduling system used recently.