

SECTION 153 – PLANT AND LABOUR SCHEDULES

3213. Tables or charts showing the planned allotments of plant or labour enable future requirements to be foreseen, and they also simplify the reallocation of resources if it becomes necessary.

3214. Schedules must be simple, so that essentials can be seen at a glance. Suggested forms are shown in Tables 32.2 and 32.3 and in Figure 32.1. The latter form of chart is suitable only for straightforward tasks; it is unduly complicated to prepare for large works.

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TABLE 32.2-EXAMPLE OF PLANT REQUIREMENT
SCHEDULES*

Plant and equipment	Task	Numbers required												
		Date												
		12	13	14	15	16	17	18	19	20	21	22	23	24
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(j)	(k)	(l)	(m)	(n)	(o)	(p)
Tractors, size II- withdozers	Clearing Stripping													
	Drainage	8	8	4	4	2	4	4	2	1	1	1		
	Excavation			4	4	4	1	1	4	2	2		2	2
	Spreading	1	1	2	2	1	2	4	1	2	2	2		
	Access roads	2	2			2			2					
	At quarry						1	1	1	1		1	1	1
											1			
Towing scrapers	Stripping			2	2	2	2	1						
	Excavation						2	2	4	4	4	4	4	2
	Grading											1	1	1
	Access roads	1	1											

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Towing rooter	Clearing Excavation					1	1	1						
Towing rollers, sheeps- foot	Compacting											1	1	1
Total tractors, size II		12	12	12	12	12	12	12	12	10	10	10	9	7

*The example is completed only for one main item of plant. The full schedule should include all plant and equipment.

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TABLE 32.3-ECAMPLE OF LABOUR REQUIREMINT
SCHEDULE

Plant and equipment	Number men required												
	Date												
	12	13	14	15	16	17	18	19	20	21	22	23	24
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(j)	(k)	(l)	(m)	(n)	(o)
Clearing and grubbing	16	16	8	8	16								
Stripping													
Drainage													
Excavation	12	12	20	20	20	20	Nil	10	10	10	10		
Spreading						8	20	18	18	18	18		
and compacting							8	8	8	8	8	8	8
Greding													
At quarry													
					8	8		8	8	8	4	4	4
											8	8	8
Daily total	28	28	28	28	44	36	36	44	44	44	43	20	20