

**MUSASHI**

# Manpower workload calculation sheet

ISD-MN-013

E

**RULE**

Department

Maintenance

DATE: 16.12.2019

Area

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Revision: 00

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Absent  
>1 person depute10%  
30%

Breakdown Maintenance Manpower Calculation	A	B	C	D	E	F	G	H	I	J	K
	MTTR for FY 2019-20	Avg. Breakdown Frequency / Month	Breakdown hours/ Month (A*B)	Working hour /Day / Person	Manhour required / month (C/D)	Person required / Day (E/24)	More than 1 manpower required for major breakdowns @30 % (F*30%)	Considering Leave or absenteeism 10% (F+G)*10%	Manpower for BD (F+G+H)	Shift Incharges (1 ele+ 1 Mec each shift)	Total Manpower for Breakdown
	1.73	2528	4373.44	7.67	570.20	24	7	3	34	6	40

Preventive Maintenance Manpower Calculation	A	B	C	D	E	F	G	H	I
	Machines for PM/ Month	Persons required for PM / machine	PM hours/ machine/day	Total manhours/Month for PM (A*B*C)	Manhour required/Day (D/24)	Person required for PM/ Day (E/7.67)	Considering Leave or absenteeism 10% (F*10%)	PM incharge	Total Manpower for PM (F+G+H)
	77	2	8	1232	51.3	6.69	1	1	9

Res Management T	A	B	C	D	E	F	G	H	I
	Ele. Spares	Mech Spares							Total manpower (a+b)
	1	1							2

Lubrication Shop T	A	B	C	D	E	F	G	H	I
	Associate								Total manpower (a)
	2								2

Lubrication Manage	A	B	C	D	E	F	G	H	I
	Associate								Total manpower (a)
	1								1

support / Critical B	A	B	C	D	E	F	G	H	I
	Ele. Breakdown	Mech. Breakdown							Total manpower (a+b+c)
	1	1							2

Improvement/ Kaizen/ Refurbishment Team	A	B	C	D	E	F	G	H	I
	Ele. Associate	Mech. Associate							Total manpower (a+b)
	1	2							3

el / General Work	A	B	C	D	E	F	G	H	I
	Associate								Total manpower (a)
	2								2

Planned work Team	A	B	C	D	E	F	G	H	I
	Ele. plan work	Mech. plan work							Total manpower (a+b)
	2	2							4

Documentation	A	B	C	D	E	F	G	H	I
	Coordinator								Total manpower (a)
	1								1

machine develop	A	B	C	D	E	F	G	H	I
	Ele. Development	Mech. Development							Total manpower (a+b)
	1	1							2

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