DM Energy
сервис генерации

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Пример планового расписания проведения различных типов инспекций для различных типов газовых турбин **General Electric** серии **Frame**

Flange to flange BI:		**Fr 3 / 2**	**Fr 5 / 1**	**Fr 5 / 2**	**Fr 6 / 1**	**Fr 6 / dln**		**Fr 9 / 1**	**Fr 9 / dln**	
Technical Advisor	Hr/shift	Days	Days	Days	Days	Days		Days	Days	
	10	3	3	3	3	3		3	3	
Number of TA's		1	1	1	1	1		1	1	
Number of mechanics		1	1	1	1	1		1	1	

Flange to flangen CI :		**Fr 3-2**	**Fr 5-1**	**Fr 5-2**	**Fr 6**	**Fr 6 DLN**	**Fr 6-FA**	**Fr 9**	**Fr 9 DLN**	**Fr 9-FA**
TA's + Mechanics	Hr/shift	Days	Days	Days	Days	Days	Days	Days	Days	Days
Estimated schedule TA's + mech.	10	4	7	7	12	14	14	15	17	18
Number of TA's		1	1	1	1	1	1	1	1	1
Total manpower TA's	Hrs	40	70	70	120	140	140	150	170	180
Number of mechanics		4	4	4	4	4	5	4	4	8
Total manpower mechanics	Hrs	160	280	280	480	560	700	600	680	1440
Number of cleaners		1	1	1	1	1	1	1	1	1
Control Engineer	Hr/shift	Days	Days	Days	Days	Days	Days	Days	Days	Days
Estimated schedule controls	10	1	1	1	1	1	1	1	1	1
Number of Control Eng.		1	1	1	1	1	1	1	1	1

Flange to flange CI+:			**Fr 5-1**							
TA's + Mechanics	Hr/shift		Days							
Estimated schedule TA's + mech.	10		9							
Number of TA's			1							
Total manpower TA's	Hrs		90							
Number of mechanics			4							
Total manpower mechanics	Hrs		360							
Number of cleaners			1							
Control Engineer	Hr/shift		Days							
Estimated schedule controls	10		1							
Number of Control Eng.			1							

Flange to flange HGP:		**Fr 3-2**	**Fr 5-1**	**Fr 5-2**	**Fr 6**	**Fr 6 DLN**	**Fr 6-FA**	**Fr 9**	**Fr 9 DLN**	**Fr 9-FA**
TA's + Mechanics	Hr/shift	Days	Days	Days	Days	Days	Days	Days	Days	Days
Estimated schedule TA's + mech.	10	14	16	16	20	22	22	25	27	40
Number of TA's		1	1	1	1	1	1	1	1	1
Total manpower TA's	Hrs	140	160	160	200	220	220	250	270	400
Number of mechanics		5	5	5	5	5	6	6	6	8
Total manpower mechanics	Hrs	700	800	800	1000	1100	1320	1500	1620	3200
Number of cleaners		1	1	1	1	1	1	1	1	1
Control Engineer	Hr/shift	Days	Days	Days	Days	Days	Days	Days	Days	Days
Estimated schedule controls	10	3	3	3	3	3	3	3	3	3
Number of Control Eng.		1	1	1	1	1	1	1	1	1

Flange to flange MI :		**Fr 3-2**	**Fr 5-1**	**Fr 5-2**	**Fr 6**	**Fr 6 DLN**	**Fr 6-FA**	**Fr 9**	**Fr 9 DLN**	**Fr 9-FA**
TA's + Mechanics	Hr/shift	Days	Days	Days	Days	Days	Days	Days	Days	Days
Estimated schedule TA's + mech.	10	30	32	34	34	36	38	45	47	70
Number of TA's		2	2	2	2	2	2	2	2	2
Total manpower TA's	Hrs	600	640	680	680	720	760	900	940	1400
Number of mechanics		6	6	6	6	6	7	8	8	16
Total manpower mechanics	Hrs	1800	1920	2040	2040	2160	2660	3600	3760	11200
Number of cleaners		1	1	1	1	1	1	1	1	1
Control Engineer	Hr/shift	Days	Days	Days	Days	Days	Days	Days	Days	Days
Estimated schedule controls	10	6	6	6	6	6	6	6	6	6
Number of Control Eng.		1	1	1	1	1	1	1	1	1

Обозначения

BI	Borescope Inspection Combustion
CI	Inspection
CI+	CI + TP removal
HGP	Hot Gas Path Inspection
MI	Major Inspection
TP	Transition Piece

Fr 3-2	Frame 3 / MS3002 (double shaft) Frame 5 /
Fr 5-1	MS5001 (single shaft)
Fr 5-2	Frame 5 / MS5001 (double\ shaft)
Fr 6	Frame 6 / MS6001 (diffusion combustion system / gas only.)
Fr 6 DLN	Frame 6 / MS6001 (Low Nox combustion system / gas only.)
Fr 6-FA	Frame 6 FA tech. (gas only)
Fr 9	Frame 9 / MS9001 (diffusion combustion system / gas only.)
Fr 9 DLN	Frame 9 / MS9001 (Low Nox combustion system / gas only.)
Fr 9-FA	Frame 9 FA tech. (gas only)