



Nombre de alumno: Angel Rubisel Hernández
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Nombre del profesor: ING. Abel Estrada Dichi

Nombre del trabajo: Empresa

Materia: Control total de calidad

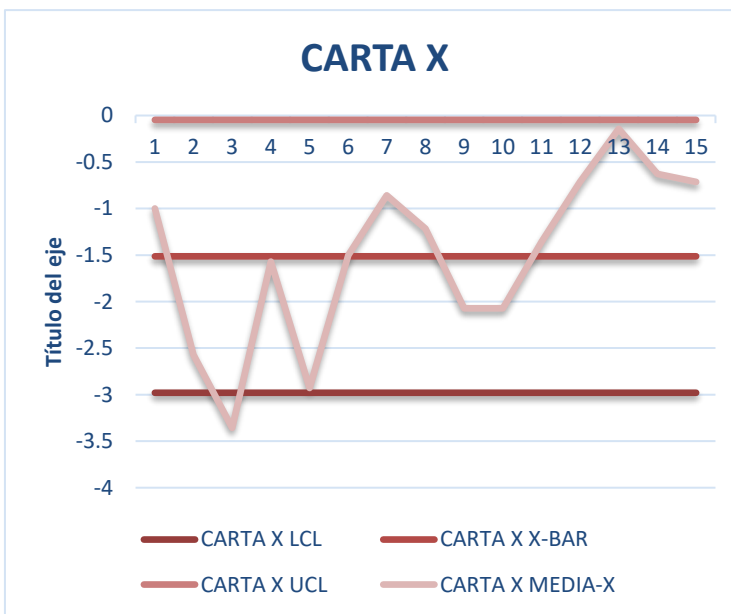
Grado: 7°

Grupo: Medicina veterinaria y zootecnia

DIAS	M1	M2	M3	M4	M5	M6	M7
1	29.5	28.5	28	30	28	30	29
2	28	27	27.5	26.5	26	27	30
3	27.5	26	26.5	27	27	25.5	27
4	28	30	28	31	29	28	25
5	27	26	27	27	26.5	26	30
6	29	29	30	28.5	27	28	28
7	30	28	31	28.5	29	28.5	29
8	31	27.5	29	28	30	29	27
9	29	28	30	27	28	27	26.5
10	27	28.5	27	29	27	28	29
11	29	29	27	29	30	28	28.5
12	32	30	31	29	28	29	26
13	28	30.5	29	29.5	31	31	30
14	29	29.6	31	30	29	28	29
15	27	30	28	31	30	29	30

A2	0.419
D3	0.0758
D4	1.9242

CARTA X	
LCL	-2.979833333
X-BAR	-1.513333333
UCL	-0.046833333



CARTA X			
LCL	X-BAR	UCL	MEDIA-X
-2.98	-1.51	-0.0468	-1
-2.98	-1.51	-0.0468	-2.571428571
-2.98	-1.51	-0.0468	-3.357142857
-2.98	-1.51	-0.0468	-1.571428571
-2.98	-1.51	-0.0468	-2.928571429
-2.98	-1.51	-0.0468	-1.5
-2.98	-1.51	-0.0468	-0.857142857
-2.98	-1.51	-0.0468	-1.214285714
-2.98	-1.51	-0.0468	-2.071428571
-2.98	-1.51	-0.0468	-2.071428571

-2.98	-1.51	-0.0468	-1.357142857
-2.98	-1.51	-0.0468	-0.714285714
-2.98	-1.51	-0.0468	-0.142857143
-2.98	-1.51	-0.0468	-0.628571429
-2.98	-1.51	-0.0468	-0.714285714

CARTA R			
LCL	R-BAR	UCL	RANGO-R
0.2653	3.5	6.7347	2
0.2653	3.5	6.7347	4
0.2653	3.5	6.7347	2
0.2653	3.5	6.7347	6
0.2653	3.5	6.7347	4
0.2653	3.5	6.7347	3
0.2653	3.5	6.7347	3
0.2653	3.5	6.7347	4
0.2653	3.5	6.7347	3.5
0.2653	3.5	6.7347	2
0.2653	3.5	6.7347	3
0.2653	3.5	6.7347	6
0.2653	3.5	6.7347	3
0.2653	3.5	6.7347	3
0.2653	3.5	6.7347	4

DIAS	M1	M2	M3	M4	M5	M6	M7	X	R	MAX	MIN
1	-0.5	-1.5	-2	0	-2	0	-1	-1	2	0	-2
2	-2	-3	-2.5	-3.5	-4	-3	0	-2.571428571	4	0	-4
3	-2.5	-4	-3.5	-3	-3	-4.5	-3	-3.357142857	2	-2.5	-4.5
4	-2	0	-2	1	-1	-2	-5	-1.571428571	6	1	-5
5	-3	-4	-3	-3	-3.5	-4	0	-2.928571429	4	0	-4
6	-1	-1	0	-1.5	-3	-2	-2	-1.5	3	0	-3
7	0	-2	1	-1.5	-1	-1.5	-1	-0.857142857	3	1	-2
8	1	-2.5	-1	-2	0	-1	-3	-1.214285714	4	1	-3
9	-1	-2	0	-3	-2	-3	-3.5	-2.071428571	3.5	0	-3.5
10	-3	-1.5	-3	-1	-3	-2	-1	-2.071428571	2	-1	-3
11	-1	-1	-3	-1	0	-2	-1.5	-1.357142857	3	0	-3
12	2	0	1	-1	-2	-1	-4	-0.714285714	6	2	-4
13	-2	0.5	-1	-0.5	1	1	0	-0.142857143	3	1	-2
14	-1	-0.4	1	0	-1	-2	-1	-0.628571429	3	1	-2
15	-3	0	-2	1	0	-1	0	-0.714285714	4	1	-3
								-1.513333333	3.5		
								X-BAR	R-BAR		

CARTA R	
LCL	0.2653
R-BAR	3.5
UCL	6.7347

