**ANEXO 4**

**CRONOGRAMA GENERAL DE TRABAJO DE EQUIPOS**

**(INSPECCION Y MANTENIMIENTO)**

|  |  |
| --- | --- |
| D | Diario |
| W | Semanal |
| Q | Trimestral |
| S | Semestral |
| Y | Anual |
| R | Cuando se requiera |
| M | Mensual |

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| **ABLANDADOR DE AGUA DE LAS TORRES DE ENFRIAMIENTO** | | | | |
| RECOMENDACIONES GENERALES Y MANTENIMIENTO DE RUTINA | CABEZAL | RESINA | TANQUE DE SALMUERA | BASE |
| CONDICIONES GENERALES | **M** | **R** | **R** | **R** |
| REVISION | **R** | **M** |  | **M** |
| PINTURA Y CAPA PROTECTORA |  | **R** | **R** |  |
| LAVADO Y LIMPIEZA | **Q** | **R** | **R** | **Y** |
| SEGURIDAD DE INSPECCIONES Y REPARACIONES |  | **W** | **W** |  |
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| **VENTILADORES DE EXTRACCIÓN** | | | | | | | | | |  |
| RECOMENDACIONES GENERALES Y MANTENIMIENTO DE RUTINA | MOTOR ELECTRICO | | RODAMIENTOS | | CARCASA | | BASE | | BANDAS Y POLEAS | FILTROS LAVABLES |
| VIBRACION Y RUIDO | **D** | |  | | **D** | |  | | **D** |  |
| ENGRASADO |  | | **Q** | | **Q** | |  | |  |  |
| CONDICIONES GENERALES | **M** | | **Q** | | **Q** | | **Q** | | **R** | **R** |
| SUJECIONES PERNOS Y TUERCAS | **M** | |  | |  | | **M** | | **M** |  |
| PINTURA Y CAPA PROTECTORA |  | |  | | **R** | | **R** | |  |  |
| BALANCEO | **R** | |  | |  | |  | |  |  |
| LIMPIEZA |  | |  | |  | |  | |  | **M** |
| SEGURIDAD DE INSPECCIONES Y REPARACIONES | **W** | |  | |  | |  | | **W** |  |
| **VENTILADORES DE SUMINISTRO** | | | | | | | | | | |
| RECOMENDACIONES GENERALES Y MANTENIMIENTO DE RUTINA | | LAMPARAS | | FILTROS LAVABLES | | GABNETE | | BASE | | |
| CONDICIONES GENERALES | | **M** | | **R** | | **R** | | **R** | | |
| SUJECIONES PERNOS Y TUERCAS | | **M** | | **M** | |  | | **M** | | |
| PINTURA Y CAPA PROTECTORA | |  | | **R** | | **R** | |  | | |
| LAVADO Y LIMPIEZA | |  | | **R** | | **R** | |  | | |
| SEGURIDAD DE INSPECCIONES Y REPARACIONES | | **W** | |  | |  | |  | | |

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| **CHILLER** | | | | | | | | |
| RECOMENDACIONES GENERALES Y MANTENIMIENTO DE RUTINA | EVAPORADOR | CONDENSADOR | TABLERO ELECTRICO | AISLADOR DE VIBRACIONES | SUPERFICIES Y ESTRUCTURA | CABLES | CONECTORES | CONECTORES |
| TEMPERATURA DEL AGUA DE RETORNO | **D** | **D** |  |  |  |  |  |  |
| TEMPERATURA DEL AGUA DE SUMINISTRO | **D** | **D** |  |  |  |  |  |  |
| PRESION DEL AGUA DE SUMINISTRO |  | **D** |  |  |  |  |  |  |
| PRESION DEL AGUA DE RETORNO |  | **D** |  |  |  |  |  |  |
| PRESION DEL AGUA DE SUMINISTRO DE TORRE |  | **D** |  |  |  |  |  |  |
| PRESION DEL AGUA DE RETORNO DE TORRE |  | **D** |  |  |  |  |  |  |
| CHILLER |  |  | **W** | **W** | **R** | **W** | **W** | **W** |
| OVERHALL | **Y** | **Y** |  |  | **Y** |  |  |  |
| SEGURIDAD DE INSPECCIONES Y REPARACIONES |  |  | **W** |  |  |  |  |  |
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| **FAN COIL** | | | | | | | | | | | | | | | | | | | | | |
| RECOMENDACIONES GENERALES Y MANTENIMIENTO DE RUTINA | | MOTOR ELECTRICO | | | | | RODAMIENTOS | | | CARCASA | | | BASE | | BANDEJA | | | DRENAJE | | FILTRO DE AGUA | |
| VIBRACION Y RUIDO | | **D** | | | | |  | | | **D** | | |  | |  | | |  | |  | |
| ENGRASADO | |  | | | | | **Q** | | |  | | |  | |  | | |  | |  | |
| CONDICIONES GENERALES | | **M** | | | | | **Q** | | | **Q** | | | **Q** | | **Q** | | | **Q** | | **R** | |
| SUJECIONES PERNOS Y TUERCAS | | **M** | | | | |  | | | **M** | | | **M** | |  | | |  | |  | |
| PINTURA Y CAPA PROTECTORA | |  | | | | |  | | | **R** | | | **R** | |  | | |  | |  | |
| BALANCEO | | **R** | | | | |  | | | **S** | | |  | |  | | |  | |  | |
| LIMPIEZA | |  | | | | |  | | | **Q** | | |  | | **Q** | | | **Q** | | **Y** | |
| SEGURIDAD DE INSPECCIONES Y REPARACIONES | | **W** | | | | |  | | |  | | |  | | **W** | | |  | |  | |
| **TORRES DE ENFRIAMIENTO** | | | | | | | | | | | | | | | | | | | | | | |
| RECOMENDACIONES GENERALES Y MANTENIMIENTO DE RUTINA | VENTILADORES | | MOTOR ELECTRICO | BANDA Y TRANSMISION | ELIMINADOR | LLENADO | | CONTENEDOR DE AGUA FRIA | CAJA DE DIFUSORA Y ORIFICIOS ESPARSORES | | BOYA DE NIVEL DE AGUA | DESCARGA DE AGUA FRIA Y FILTRO | | SUPERFICIES Y ESRTUCTURA | | CASING Y LOUVER | PROTECCION DE VENTILADOR | | CERRADURA DE PUERTA | | POLEAS, BANDA Y BASE | |
| OBSTRUCCIONES |  | |  |  | **W** | **W** | |  |  | | **W** |  | | **W** | |  |  | |  | |  | |
| VIBRACION Y RUIDO | **D** | | **D** | **D** |  |  | |  |  | |  |  | |  | |  |  | |  | |  | |
| LLAVES, PERNOS FIJOS Y TUERCAS | **S** | | **S** | **S** |  |  | |  |  | |  |  | |  | |  |  | |  | |  | |
| LLENADO DE GRASA |  | | **R** | **R** |  |  | |  |  | |  |  | |  | |  |  | |  | |  | |
| ANALISIS DE CALIDAD DE AGUA |  | |  |  |  |  | | **W** |  | |  |  | |  | |  |  | |  | |  | |
| DISTANCIA ENTRE DEFLECTORES DE VENTILADOR | **M** | |  |  |  |  | |  |  | |  |  | |  | |  |  | |  | |  | |
| NIVEL DE AGUA |  | |  |  |  |  | | **D** |  | |  |  | |  | |  |  | |  | |  | |
| CONDICIONES GENERALES | **M** | | **Q** | **Q** | **Q** | **Q** | | **S** | **Q** | | **S** | **Q** | | **Q** | | **Q** | **Q** | | **Q** | | **Q** | |
| SUJECIONES PERNOS Y TUERCAS | **M** | | **Q** | **Q** |  |  | |  |  | |  |  | |  | |  |  | |  | |  | |
| LAVADO | **R** | | **R** | **R** | **R** | **R** | | **Q** | **R** | | **R** | **R** | |  | |  |  | |  | |  | |
| PINTURA Y CAPA PROTECTORA | **R** | | **R** | **R** |  |  | |  |  | |  |  | |  | |  |  | |  | |  | |
| BALANCEO | **R** | |  |  |  |  | |  |  | |  |  | |  | |  |  | |  | |  | |
| TEMPLADO DE BANDA Y CONDICION |  | |  | **W** |  |  | |  |  | |  |  | |  | |  |  | |  | |  | |
| SEGURIDAD DE INSPECCIONES Y REPARACIONES | **W** | |  | **W** |  |  | |  |  | |  |  | |  | |  |  | | **R** | | **Q** | |

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| **EQUIPO DE AIRE ACONDICIONADO DE PRECISIÓN** | | | | | | | | | | | |
| RECOMENDACIONES GENERALES Y MANTENIENTO DE RUTINO | VENTILADOR | MOTOR ELECTRICO | COMPRESOR | GENERADOR DE HUMEDAD | RESISTENCIA DE SECADO DE AIRE | SENSORES | SISTEMA ELECTRICO | FILTROS DE AIRES | UNIDAD CONDENSADORA | SISTEMA DE DRENAJE | SISTEMA DE SUMINISTRO DE AGUA |
| VIBRACION Y RUIDO | **D** | **D** |  |  |  |  |  |  | **D** | **D** | **D** |
| ENGRASADO | **Q** |  |  |  |  |  |  |  |  |  |  |
| CONDICIONES GENERALES | **R** | **R** | **R** | **R** | **R** | **R** | **R** | **R** | **R** | **R** | **R** |
| SUJECIONES PERNOS Y TUERCAS | **M** | **M** |  |  |  |  |  |  |  |  |  |
| PINTURA Y CAPA PROTECTORA |  |  |  |  |  |  |  |  |  |  |  |
| BALANCEO | **R** |  |  |  |  |  |  |  |  |  |  |
| LIMPIEZA | **Q** |  |  |  |  |  | **Q** | **Q** | **Q** | **Q** |  |
| SEGURIDAD DE INSPECCIONES Y REPARACIONES | **W** | **W** |  |  |  |  | **W** |  |  |  |  |

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| **BOMBAS** | | | | | |
| RECOMENDACIONES GENERALES Y MANTENIMIENTO DE RUTINA | MOTOR ELECTRICO | RODAMIENTOS | CARCASA | BASE | CEBADO |
| VIBRACION Y RUIDO | **D** |  | **D** |  |  |
| LLAVES, PERNOS FIJOS Y TUERCAS | **S** | **S** | **S** | **Q** |  |
| ENGRASADO |  | **Q** | **Q** |  |  |
| CONDICIONES GENERALES | **M** | **Q** | **Q** | **Q** | **R** |
| SUJECIONES PERNOS Y TUERCAS | **M** |  |  | **M** |  |
| PINTURA Y CAPA PROTECTORA | **R** | **R** | **R** | **R** |  |
| BALANCEO | **R** |  |  |  |  |
| SEGURIDAD DE INSPECCIONES Y REPARACIONES | **W** |  |  |  |  |
|  |  |  |  |  |  |