

.- INTRODUCCIÓN

Para el análisis y estudio predictivo de la caldera es necesario guiarse del archivo analisis-predictivo-MATRIZ.pdf, el archivo se fundamenta en algunos programas de DIFUS (DIFUALIVER - pH CHANGE - TRANSFERHEAT) para resultados ideales de la caldera y de cálculos del estado actual de la caldera con el archivo analisis-predictivo-real.pdf.

.- PASOS

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1. Partimos con la columna “ **formula** ” cada fila de esta columna podrá resolverse de dos maneras visualmente o a través de una formula.

Starting operation		Starting stop or standby	
Starting operation	Temperature above 80 °C	Hot spots	Cleaning, washing or testing
<p>In duration, the boiler operating time is evaluated, choose 24 hours if the boiler operates in operation 24 hours a day, in standby, the operating (TP) in minutes is used.</p> <p>$TP = (24 \times 60) - (24 \times 60) \times (100 - \text{percentage})$</p>	<p>In duration, the boiler operating time is evaluated, choose 24 hours if the boiler operates in operation 24 hours a day, in standby, the operating (TP) in minutes is used.</p> <p>$TP = (24 \times 60) - (24 \times 60) \times (100 - \text{percentage})$</p>	<p>In duration, the boiler operating time is evaluated, choose 24 hours if the boiler operates in operation 24 hours a day, in standby, the operating (TP) in minutes is used.</p> <p>$TP = (24 \times 60) - (24 \times 60) \times (100 - \text{percentage})$</p>	<p>In duration, the boiler operating time is evaluated, choose 24 hours if the boiler operates in operation 24 hours a day, in standby, the operating (TP) in minutes is used.</p> <p>$TP = (24 \times 60) - (24 \times 60) \times (100 - \text{percentage})$</p>

2. Se le da prioridad para comenzar obligatoriamente a la fila resaltada en amarillo “**Calculo de transferencia de calor** “ una vez completada deberá seguir paralelamente hasta completar toda la fila de **Calculo de transferencia de calor** .
3. Para apoyarse es necesario usar el archivo apoyo.ods donde ira completando la matriz (DURACIÓN - EXTINCIÓN - REPARABLE - SENSIBILIDAD) paralelamente hasta completar toda la fila de **Calculo de transferencia de calor**.

Starting operation	Temperature above 80 °C	Hot spots	Cleaning, washing or testing	Lubrication or interlocking	Quality of air or quality of material	Treatment of gas or filter on the water substituents "1" inc"	Complete combustion cycle and operate
<p>Use the same criteria as in the previous case, but in this case, the boiler operating time is evaluated, choose 24 hours if the boiler operates in operation 24 hours a day, in standby, the operating (TP) in minutes is used.</p> <p>$TP = (24 \times 60) - (24 \times 60) \times (100 - \text{percentage})$</p>	<p>In duration, the boiler operating time is evaluated, choose 24 hours if the boiler operates in operation 24 hours a day, in standby, the operating (TP) in minutes is used.</p> <p>$TP = (24 \times 60) - (24 \times 60) \times (100 - \text{percentage})$</p>	<p>In duration, the boiler operating time is evaluated, choose 24 hours if the boiler operates in operation 24 hours a day, in standby, the operating (TP) in minutes is used.</p> <p>$TP = (24 \times 60) - (24 \times 60) \times (100 - \text{percentage})$</p>	<p>In duration, the boiler operating time is evaluated, choose 24 hours if the boiler operates in operation 24 hours a day, in standby, the operating (TP) in minutes is used.</p> <p>$TP = (24 \times 60) - (24 \times 60) \times (100 - \text{percentage})$</p>	<p>In duration, the boiler operating time is evaluated, choose 24 hours if the boiler operates in operation 24 hours a day, in standby, the operating (TP) in minutes is used.</p> <p>$TP = (24 \times 60) - (24 \times 60) \times (100 - \text{percentage})$</p>	<p>In duration, the boiler operating time is evaluated, choose 24 hours if the boiler operates in operation 24 hours a day, in standby, the operating (TP) in minutes is used.</p> <p>$TP = (24 \times 60) - (24 \times 60) \times (100 - \text{percentage})$</p>	<p>In duration, the boiler operating time is evaluated, choose 24 hours if the boiler operates in operation 24 hours a day, in standby, the operating (TP) in minutes is used.</p> <p>$TP = (24 \times 60) - (24 \times 60) \times (100 - \text{percentage})$</p>	<p>In duration, the boiler operating time is evaluated, choose 24 hours if the boiler operates in operation 24 hours a day, in standby, the operating (TP) in minutes is used.</p> <p>$TP = (24 \times 60) - (24 \times 60) \times (100 - \text{percentage})$</p>

4. Una vez completada la fila **Calculo de transferencia de calor** puede continuar o elegir otra fila de la columna “**formula**” la que mas le convenga, por ejemplo se decidió continuar con la fila “ **Niveles de oxígeno, Dióxido de carbono** “ entonces procedo a realizar su formula para continuar paralelamente a la derecha debo darle prioridad en la misma fila a la columna resaltada en amarillo “ **Calidad del aire o calidad del material** “ una vez elaborada esta columna y registrada en el archivo apoyo.ods podre continuar con cualquier otra columna de la fila Niveles de oxígeno, Dióxido de carbono.

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5. Luego de completar todas las filas con las columnas respectivamente, sucesivamente y estén todas debidamente registradas con el archivo apoyo.ods.
6. Se ingresa a la pagina web de su cuenta específicamente de PREDICTIVE-MATRIX y vaciar la información tal cual como la registro en apoyo.ods.
7. Presione IMPACTO e IMPRIMIR para obtener los resultado predictivo de la matriz.

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