kb90 preventative maintenance
6 month checklist

Customer:
Inspected By:                      Date:

Machine Data
Serial Number:                      Voltage:                      Number of Groups:

3 month maintenance
☐ Check portafilter baskets and springs. Replace if necessary
☐ Inspect auto flush system
☐ Check straight-in piston for leaks under pressure. Rebuild piston if necessary
☐ Replace diffuser screens (A.5.095)
☐ Inspect drain system
☐ Test all buttons for proper operation
☐ Test flow meter resistance (2.2kΩ +/- 10%) G1:_____ kΩ G2:_____ kΩ G3:_____ kΩ G4:_____ kΩ
☐ Check brewing pressure
☐ Check expansion valve operation
☐ Test flow-rate of each group (ml/30 sec) G1:_____ g G2:_____ g G3:_____ g G4:_____ g
☐ Check steam valves for proper operation
☐ Check fittings and valves for leaks
☐ Clean auto-fill probe
☐ Check vacuum breakers
☐ Rebuild steam valves (1206)
☐ Replace group gaskets and bumpers (1207)
☐ Inspect group cap micro switches
If ABR:
☐ Confirm scale accuracy with 100g weight. Calibrate scales if necessary
☐ Confirm portafilter weight within +/- 0.05 grams P1:_____ g P2:_____ g P3:_____ g P4:_____ g

check water quality (sample of water must be taken at the pump)
make and model of water filtration system:

<table>
<thead>
<tr>
<th>value</th>
<th>min</th>
<th>max</th>
<th>pre</th>
<th>post</th>
<th>value</th>
<th>min</th>
<th>max</th>
<th>pre</th>
<th>post</th>
</tr>
</thead>
<tbody>
<tr>
<td>T.D.S ppm</td>
<td>90</td>
<td>150</td>
<td></td>
<td></td>
<td>Total Chlorine ppm</td>
<td>0</td>
<td>0.1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total Hardness ppm</td>
<td>70</td>
<td>100</td>
<td></td>
<td></td>
<td>pH</td>
<td>6.5</td>
<td>8</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total Iron ppm</td>
<td>0</td>
<td>0.02</td>
<td></td>
<td></td>
<td>Alkalinity ppm</td>
<td>40</td>
<td>80</td>
<td></td>
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</tr>
<tr>
<td>Free Chlorine ppm</td>
<td>0</td>
<td>0.05</td>
<td></td>
<td></td>
<td>Chloride ppm</td>
<td>0</td>
<td>30</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

notes:            parts used:
technician signature: ________________________ customer signature: ________________________

v2.0 // 23 November 2020