Reconditioning aluminum electrolytic capacitors

Aluminum electrolytic capacitors can be given a one time reconditioning if they have drifted out of specification.

Equipment required:
- DC power supply (adjustable if possible)
- Volt meter
- 1kΩ resistor
- Timer

Reconditioning also called voltage treatment consists of applying the rated voltage of the capacitor for thirty minutes through a 1kΩ resistor. When using an adjustable power supply initially apply ½ the rated voltage to the capacitor for 10 minutes then slowly increase the voltage to the rated voltage of the capacitor for leave at the rated voltage for 20 minutes.