

IMPORTANT TECHNICAL UPDATE

**FOR SOLAR CELL MANUFACTURERS CURRENTLY USING DILUTE KOH FOR THEIR
TEXTURE PROCESS**

ACHIEVE

**Increase Production
Throughput with
On-Demand
Hot Deionized Water**

Aquarius® DI Water Heaters

**MAXIMIZE THE
UTILIZATION OF CURRENT
TEXTURING EQUIPMENT**



Heateflex Corporation

World Leader in Ultra-Pure Heating

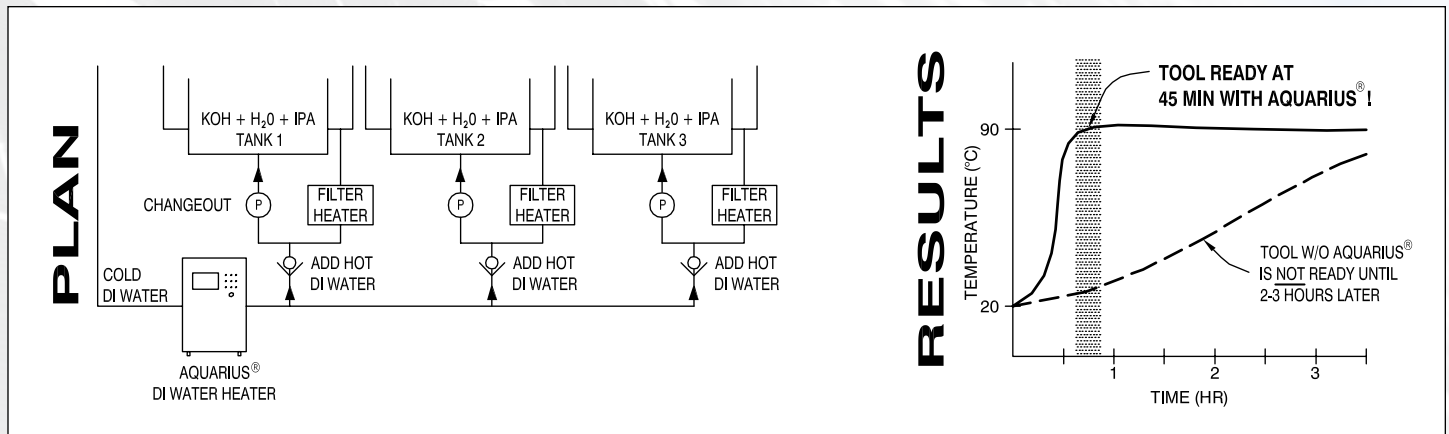
405 East Santa Clara St.
Arcadia, CA 91006-7227
Tel: (626) 599-8566
Fax: (626) 599-9567
www.heateflex.com

PURPOSE: Achieve a higher utilization of current texturing equipment. SAVE money by INCREASING PRODUCTION THROUGHPUT.

WHO CAN BENEFIT: Solar cell manufacturers who use dilute KOH for texturing processes. **Approved for use with solar cells and thin substrates that are under 220 microns in thickness.*

PROBLEM: Our analysis has found that KOH bath change outs can take as long as 3 hours or more. Because the process is in sequence, a single bath that is not ready can keep an entire tool down.

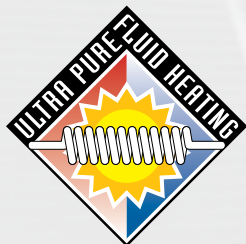
RECOMMENDED SOLUTION: Aquarius® ultra-pure deionized water heaters! Aquarius® DI water heaters are always ready with at-temperature DI water. By using on-demand hot DI water instead of trying to heat directly from ambient temperature at the point of use, chemical bath change outs can be achieved in less than 45 minutes. Aquarius® DI water heaters feature PFA and PVDF wetted surfaces for ultra purity, and have self-contained microprocessor-based control systems for precise temperatures and safe operation.



BENEFITS: For less than 1/3 of the investment savings, you achieve 12.5% higher tool utilization. SAVE 3 hours a day in production time! A \$1million investment per tool x 12.5% higher utilization = \$125,000.



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