

August 9, 2007

To: Steve Maurici and Kyle Johnston

From: John M. Kloster, Engineering Supervisor ☐ Appliances

RE: NSF/ANSI Standard 14, *Plastics Piping System Components and Related Materials* relationship to Atwood Mobile Products Gas Fired Water Heaters used in Catering Trucks

Gentlemen:

☐ NSF/ANSI Standard 14 ☐ establishes minimum physical, performance, health effects, quality assurance, marking, and record keeping requirements for plastic piping components and related materials such as:

- Thermoplastic Materials
 - Thermo set Materials
 - Non-Plastic Components
 - Piping and Tubing
 - Fittings and Valves
 - Appurtenances
 - Joining Materials and Gaskets
 - Ingredients of Materials
 - Special Engineered Products and Materials ☐
- (NSF International)

Atwood Water Heaters are Certified to ANSI Z21.10.3-2004 (CSA 4.3-2004).

Within that standard, specifically 1.14, the standard refers to dip tubes and references NSF/ANSI 14. The *only reason* a water heater manufacturer would have to comply to the NSF Standard 14 would be if they were using plastic dip tubes. (1.14.2 ☐☐ Non-metallic dip tubes shall be accompanied by evidence acceptable to the testing agency that the material is suitable for the service, particularly with respect to toxicity, solubility, brittleness, temperature limits, etc. Evidence of current certification under National Sanitation Foundation Standard NSF 14, *Plastics Piping System Components and Related Materials* with appropriate end use shall be deemed acceptable ☐).

Atwood does not use plastic dip tubes (or any other plastics, for that matter) and therefore, is exempt from NSF 14 Standard.

The Catering Truck Manufacturer is responsible for installing the Atwood Water Heater with NSF approved piping and is required to certify same to the appropriate local governing agency.

Atwood would not be able to certify our water heaters to the NSF Standard 14 because *there is no plastic material in our water heater!* Our competitor, Suburban, DOES use plastic (non-metallic) dip tubes because their tanks are porcelain and cannot incorporate metallic dip tubes into their product as we do.

I trust this ☐ puts to bed ☐ the notion that we need to certify to a standard that does not apply to our product.