

דרך קצרה

Brief summaries of cRc Kashrus Policies

FILLING EQUIPMENT [PART 1]

In the previous installment we saw that the difference between a *kli rishon* and a *kli sheini* is that in the latter the walls of the utensil draw heat away from the food in the utensil (דפנות מקררות) such that the absorption is not the same as in a *kli rishon*. Therefore, that if a utensil absorbed *ta'am* in a *kli sheini* which did not have דפנות מקררות, that utensil cannot be *kashered* in a standard *kli sheini*.

In an industrial setting, there are many examples of this. In a factory, food is produced constantly, and hot liquid will pass through pipes or other equipment for many consecutive minutes or hours. With time, the pipe becomes as hot as the product passing through it, and the pipe has effectively stopped cooling off the product. If hot *hag'alah* water was poured through the pipe for a few seconds, the pipe would not get very hot and would still be דפנות מקררות, such that it would remain a "regular" *kli sheini*. Therefore, to *kasher* the pipe, hot *hag'alah* water must flow through the pipe until it once again reaches the point where it is not דפנות מקררות, and

then the pipe can be considered to be *kashered*.

This point is even more significant when *kashering* filling equipment. Filling equipment tends to be made of many parts, and those parts often are very heavy or thick, and at the same time filling equipment is used for many hours at a time. This means that if a filler was used for hot non-kosher product, that filler is no longer a "regular" *kli sheini* but is now an upgraded *kli sheini* which absorbed without דפנות מקררות, and it must be *kashered* with that same level of intensity. Accordingly, *hag'alah* water will have to flow through the equipment for 10-15 minutes until the equipment is hot enough to qualify as being akin to a *kli rishon*. This is most important for a "piston filler" (described in a coming installment) where the pistons are particularly thick, and it takes quite some time before the *hag'alah* water can heat them.

Each of the coming three installments will describe a different filler commonly used to fill liquids in an industrial setting and will note some relevant kashering details.

מראה מקומות

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