

Plumbing Board of Appeals  
Meeting Minutes  
November 22, 2016

Board Members Present:

Tom Day, Chairman  
John Pint, Vice-Chairman  
Brian Rogers  
Greg Wolfe

Board Members Absent:

Mike Hessenius  
Jim Meier-Gast

Also Present:

Sarah Fersdahl, Danisco Environmental Engineer  
Steven White, Danisco PE (via conference call)

Kevin Ciabatti, Building Services Director  
Duncan McCallum, Building Services Manager  
Mike Kuntz, Utilities Environmental Manager  
Aaron Morrison, Chief Plumbing Inspector  
Dawn Kolosik, Recording Secretary

Chairman Tom Day brought the meeting to order at 9:05 am. Roll call was taken by Chairman Day.

Minutes from the previous meeting held on October 12, 2016, were reviewed. Chairman Day entertained a motion to approve the minutes. John Pint made a motion; Greg Wolfe seconded. All in favor. Minutes approved.

Chairman Day introduced the next agenda item, a re-hearing of appeal P1-2016 on the Danisco US, Inc., appeal regarding the identification of potable and non-potable water systems. Chairman Day turned the meeting over to Sarah Fersdahl and Steven White from Danisco. An equivalency package created by Steven White, PE, was presented to the Board, showing that the current program and practices meet the intent of the 2015 Uniform Plumbing Code. The Board took a few moments to review the presented information. Sarah stated Steven White was previously stationed at the Cedar Rapids Danisco/DuPont facility for 3.5 years so he is very familiar with the layout. Chairman Day stated this is the type of individual he and the Board were looking for to create/present the survey information showing the intent of the Code was met. Steve stated the biggest risk in the plant is not a matter of someone tapping into a line they don't know is potable water but rather someone tapping into the line and thinking potable water/process water all comes from the City and is the same. He said this is the biggest risk factor. They have a pretty thorough process and, before any work is done, they know exactly what line they are tapping into. Danisco wants to make sure the difference between the potable water and process water is understood and protections are in place.

Brian asked if the pictures provided in the equivalency packet is the existing Standard Operating Procedure (SOP) for labeling or was it specifically developed for this appeal. Sarah stated it was an existing SOP which was improved. He also asked if, in the employee training in high-care tasks, if the first bulleted item was added. Sarah stated the training is updated annually so they felt this appeal provided a perfect opportunity for the update to make the information a little clearer for the contractors. A knowledge check is required at the end of the training to ensure the information has been properly conveyed. Sarah re-iterated there is no food or drink allowed on the process floor. Steven stated they do not rely on common sense; the information has to be written, trained and documented. If they felt information was vague, they improved on it.

Brian referred to page 11 of the equivalency packet, "Plan Equipment and Line Labeling Standard, Section 4.3.1". It reads, "All potable water headers must be labeled every 50 feet." He asked if this is

the standard for labeling at the plant for all potable water. Sarah stated this is what they have been training their expansion team on how to label. The process will be audited to make sure they are following their own standard; this was an existing standard. Brian asked if any expansions or projects requiring potable water would be run in the plant and be labeled every 50 feet rather than the 20 feet required by Code. Sarah said this is correct. Steven stated he likes things to be consistent and by doing so, it will be ensured the old portions of the plant will match the new portions; this eliminates any confusion. Greg pointed out this information is located on page 2 of the signed equivalency packet from Steven White, stating "The background color and required information shall be indicated every 20 feet but not less than once per room, and shall be visible from the floor level." Steve said a few spots can currently be found within the plant, but these should be fixed with the next auditing process. Sarah said they were more specific on the new project checklist in which it clearly says, "Go to this protocol". The project cannot be signed off until it has been shown they've gone to the protocol. They also do a quality insurance/pre-safety startup in the field to cover this protocol. Before equipment can be started, this has to be initialed by the cross-functional team doing the pre-safety startup.

Brian stated at the last meeting there was question about the non-potable water outlets within the facility being specifically marked "Non-Potable Water, Do Not Drink." Steven said some of this is covered in the training. In part of the training, it is really highlighted that anything on the process floor is assumed to be non-potable. When going into a break area, the lines are potable. Chairman Day asked if a truck driver needed to get out of his tanker truck and go into the facility, he could not do so without training. Sarah stated this is correct; they have to be escorted unless they've gone through the contractor training/testing. This also applies to delivery personnel. The Danisco contractor administrator performs daily audits and works with all the contractors, checking/auditing them about once a day. There is a safety meeting every Thursday morning at 9:00 am. She could not think where there would be a period of time in which the drivers would be unescorted. The truck drivers have their own bathroom that is separated from the process floor so they can go into the bathroom from the outside, but the door to the process floor is locked. Steven re-iterated that contractors cannot go through the plant unescorted unless they've gone through the training. Sarah stated a lot of this is due to food safety requirements.

Chairman Day entertained a motion. Brian Rogers made a motion to accept the proposed determination of equivalency for the 2015 UPC Chapter 6, Section 6.0.1.3 as outlined in the documents as equivalent per Steve White, PE, and as certified as such by him. Greg Wolfe seconded. All in favor. Motion carried.

Chairman Day thanked Sarah Fersdahl for bringing this issue to the attention of the Board.

Sarah inquired how they would receive written notification of the Board's decision. Dawn Kolosik stated she would send Sarah and Steven White a copy of the meeting minutes.

There being no old business to discuss, Chairman Day entertained a motion to adjourn. Brian Rogers made a motion; Greg Wolfe seconded. All in favor. Meeting adjourned at 9:31 am.

Respectfully submitted,  
Dawn Kolosik, Recording Secretary