Robinson, Christopher (DEQ)

From: Jason Meekhof <jason@imc-corp.net>
Sent: Thursday, December 21, 2017 2:28 PM
To: Robinson, Christopher (DEQ)
Subject: Follow up

Chris,

I don't have an official response to your letter yet, but I wanted to keep you in the loop to be sure we are going in the right direction.

We have tuned our afterburners to idle at 1,500F (approx.) This gives us some room for temp. drops which we didn't have before.
We changed our startup process to:

Dummy load at beginning of day- oven empty.
Fire both burners to heat up the oven/stack

Once stack is above 1,400, shut off primary and load oven. The temp will drop rapidly at the primary (since it is off). The afterburner will drop below 1,400F as well.
Once oven is loaded and doors are closed, wait for afterburner to reach 1,400 again before reigniting primary. This only takes a few minutes because we kept it on and pre-heated the oven.

When it's time to change the load, turn off the primary, activate the sprayers to cool the oven to around 300F (afterburner stays on to burn off anything that could pass up the stack). Open doors, change out load, and close doors. At this point, the afterburner is below 1,400 because the door was opened, but the primary was not on-so we should be compliant. Wait for the afterburner to hit 1,400, then fire the primary.

We are looking into an interlock device for oven 5. If we take care of that, would we be compliant based on the process above?

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