

# 09/24 Expert communication

<b>Communication channel</b>	Wechat
<b>Date</b>	09/24
<b>Time</b>	12:00PM-18:00
<b>Attendees</b>	Minghui Zhang John Xu (expert)

## Agenda

1. Understand the working principle between cooker and electricity heating equipment

## Notes

1. If we use electricity heating equipment, there is no need to use the steam
2. The meal come out from the cooker, the meal is hot and then go to the fat press to press the oil out.
3. The electricity heat oil tank is full with oil. As the oil become heat, the oil will be sent to the batch cooker jacket. The hot oil then can heat the cooker up.
4. For steam type: boiler is required to heat water. The hot steam goes into the shaft and cooker jacket. Then, the cooker heat the meat. Another dis advantage is it is not easy to transport.
5. Thus, the decision is to include the electricity heating equipment in the design.

## Action Items

No action required. This meeting is only to clarify the working principle for heating equipment. And choose the properly heating source.

Action	Owner	Due
Use electricity heating equipment	All team	N.A

## Screenshots of communication with experts



Is this a breaker?



yes

I just found this picture and I found it is a little bit difference between the picture we discussed yesterday.



This is steam heat type

Oh I got it. The one we discussed last night is electricity source right?



Picture is electricity heat type yesterday

2019年9月24日 下午2:11

Ok. I got it.



it is a little bit difference between the picture we discussed yesterday.



This is steam heat type

Oh I got it. The one we discussed last night is electricity source right?



Picture is electricity heat type yesterday

2019年9月24日 下午2:11

Ok. I got it.



It's much clear now.



yes



Most important machines are same

Yes. I got it.



Ok



Yes. I got it.



Ok

2019年9月24日 下午2:22

As we discussed yesterday, do we need to buy a steam source to provide steam for the cooker?



As you said, this part is not in the diagram?



If Our heating source is electricity oil.



2019年9月24日 下午2:27

We are still confused about the heating source part. If we use the electricity conduct oil to be the heating source for cooker. Do we still need to prepare the steam source?



heating source part. If we use the electricity conduct oil to be the heating source for cooker. Do we still need to prepare the steam source?

2019年9月24日 下午2:54



If you use electricity heat, do not need steam

So, if we use the electricity oil as heating equipment. We do not need to buy extra steam source, right?



if you use steam heat, do not need electricity



Yea

Do you mind explain a bit of the working principle of the electricity conduction oil.



You said before, the conduction oil circulating the cooker outside?



2019年9月24日 下午2:56

During the fat screw phase, there is no heating in the process right?

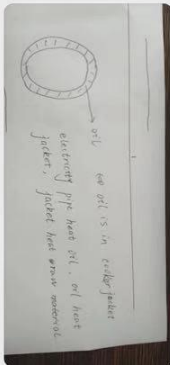
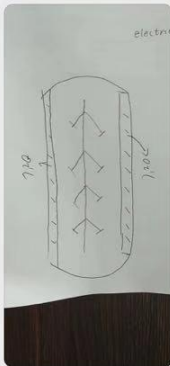


Let me explain

That's will be great. Thank you for your help btw



2019年9月24日 下午3:02







the meal come out from cooker, the meal is hot, and then go to press, oil come out

I am confused about the electricity pipe. Where is the electricity pipe? How the big box" electricity heating equipment heat the pipe?



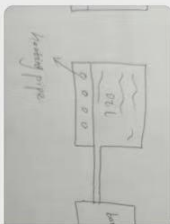
This is electricity heat oil tank, full with oil. The oil become hot, go to batch cooker jacket

Oh, so still need a pipe to connect the two box?



2019年9月24日 下午3:08

For the boiler source, we just send the hot steam into the cooker directly? Is it correct?





&lt; 微信

John Xu

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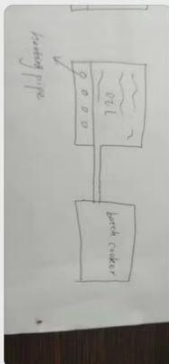
This is electricity heat oil tank, full with oil. The oil become hot, go to batch cooker jacket

Oh, so still need a pipe to connect the two box?



2019年9月24日 下午3:08

For the boiler source, we just send the hot steam into the cooker directly? Is it correct?



So, I need a PowerPoint nearby for the heating pipe?





for steam heating, the shaft inside and jacket inside has steam

2019年9月24日 下午3:14



The heating pipe is electricity, just need electricity.



Like electricity boiler, boiler use electricity heat pipe to heat water. We use electricity heat pipe to heat oil.

Oh ok. This is very clear. We have a meeting with our boss this afternoon. So I am trying to get everything very clear. Thank you again for your explanation!



Contact me if any question



inside? This part?

Directly contact with meat?



2019年9月24日 下午3:20



The shift inside is empty, the hot steam go into to it. The steam heat shaft, shaft heat raw material

Oh ok. Thanks!



You are welcome

2019年9月24日 下午3:47



Steam type: Shaft and cooker jacket be full with steam. Electricity heat type: Only cooker jacket has heat conduction oil

Yes. Thank you. Now, I feel much clearer!



Thanks!



One more question is why the steam boiler is not easily transported?



Is it because of the temperature will down?



The boiler is not easy to transport. You need connect electricity, water and soft water system. The boiler can be design to container

