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SERVICE AND APPLICATION NOTE

LF-25 EXCESS PROCESS OIL

Serial No. Range 5619Fxxxx - 5619Mxxxx

This service and application note contains information regarding what actions to take if you witness excess process oil during the installation of the heater.

Process oil is used during the forming of the heat exchanger tubes. A certain quantity of process oil will always be present both internally and externally on the heat exchanger tubes. During initial startup this oil will be burnt off. It is normal to witness smoke during this stage of the commissioning process and all standard procedures should be followed.

During a specific manufacturing period there is a possibility that an excess quantity of oil was applied to the tube forming tool. This may have left an excess quantity of oil inside the tubes. The following steps should be taken when installing the heater to avoid the risk of excessive smoking during the commissioning stages.

There are two visual steps that can identify excess oil. The first is to inspect the packaging for oil stains. The second is by physically removing unit panels if no oil stains are visible on the packaging but the serial number is in the effected range.

Suggested Remedial Works

Remove panels as necessary to gain access to drip pan and heat exchanger. Use suitable rags or absorbent paper towels to remove all signs of excess oil from tubes, drip pan and other areas which have been affected. This may in some cases require the heater to be tilted backwards for a period of time to ensure any excess oil is drained into drip pan. Please ensure all oil is carefully and thoroughly removed from all areas but specifically from the drip pan and tubes. All rags and papers towels should be disposed of correctly and in line with local codes.

Once cleaning has been completed replace all panels and any other components that were removed during the cleaning process. Install heater as per Lennox instructions.

Once the heater is in operation ensure the correct commissioning process has been carefully followed. The unit should not be left unattended until operating as intended. Due to the possibility of excess oil, the normal "burning off" of process oil may be longer than normally expected and opening various points of entry and exits may be necessary to vent the space.

Once you are satisfied that the unit is no longer smoking and is operating correctly, a final inspection of the drip pan should be carried out once the heater has cooled down and is deemed to be safe to work on. Any further oil which has drained into the drip pan during this period of time should be cleaned up using the method described above.

Should you have any further questions or concerns please call 800-453-6669 and follow prompts to Lennox Commercial Technical Support.

Please Note: Not all units within the serial number range identified above are affected. This is a precautionary measure to ensure you are completely satisfied with your new Lennox product