

<i>Engine RPM</i>	1366	1374
<i>Pre-Catalyst Temperature</i>	939°F	914°F
<i>Post-Catalyst Temperature</i>	934°F	901°F

Williams indicated during the inspection that rod packing on the compressor will be changed annually. NSPS OOOO has a requirement to change the rod packing every 25,000 hours of operation.

Both glycol dehydrators were also operating during the inspection. The 25MMscf/day dehydrator only receives legacy gas. The temperature on the absorber tower observed was 90°F and the pressure was 800psi. This dehydrator is equipped with two Kimray 21020pv glycol circulation pumps. The stroke rate on the pump counted during the inspection was eight (8) strokes per minute. The temperature observed on the absorber tower on the 40MMscf/day dehydrator was 76°F and the pressure was 820psi. The system is equipped with two Kimray 450 pumps. The pump was operating at 12 strokes/min. There is a small produced water tank located between the two dehydrators that collects water from the still vent column. The water from this tank is pumped to the two larger 150bbl produced water tank. All produced water is trucked off-site for further processing.

Prior to commencing the plant walkthrough, the FLIR camera was started. After completing the walkthrough, EPA commenced observing the facility with the FLIR for fugitive leaks¹. A leak was detected at a valve in the inlet area (MOV_0593.mp4). It was tagged by Williams as a leak and they indicated that it would be fixed. The dehydrators were also observed with the FLIR. There appeared to be a large cloud downstream of the 40MMscf/day dehydrator which may contain uncombusted hydrocarbons.

This completed the plant inspection.

CLOSING MEETING:

Following the plant walkthrough and fugitive monitoring with the FLIR camera, a brief closing meeting was held to discuss records requested and next steps. EPA did not request any records prior to the inspection. During the closing meeting EPA requested the following documents:

- Daily visible emission monitoring records for the past 30 days.
- Audio/Visual/Olfactory monitoring records January 2015.
- Engine maintenance logs
- Manufacturer recommended maintenance intervals

¹ The FLIR videos are included as Attachment 2 to this report.