

Owner
 Engineer
 Consultant
 Contractor

PROJECT: HVAC System Replacement
 State Police Troop L Headquarters
 Mandeville, Louisiana

FIELD REPORT NUMBER: 14
 FP&C PROJECT NUMBER: 01-107-06B-11

DATE: 6/11/2021 TIME: 1:30 pm WEATHER : Sunny
 TEMP : 92° Dewpoint: 75° Humidity 57%
 Reason for Visit: Reported Condensation at some registers and some light fixtures

HISTORY:
 ARC was notified Tuesday June 8th that some registers and some light fixtures were showing signs of condensation. ARC visited the site on June 9th and found that the VFD drive was changed from automatic to manual at 100%. They also turned off the AHU so that repairs could be completed from punch-list items on June 10th. The unit was turned back on before leaving on the 10th.

OBSERVATIONS:
 After a thorough inspection, no registers or light fixtures were showing signs of condensation. During the inspection the crew repairing light fixtures stated that one of the fixtures had water on the cover and it fell after opening the cover. This may have been residual condensation from Monday or Tuesday.

ANALYSIS:
 Considering that today's weather is much different than that would have been found on Monday or Tuesday of this week, this inspection may not be complete until conditions are replicated. The Humidity for the visit today was 57% and was more like 80% - 85% on Monday or Tuesday. The dewpoint has been pretty stable in the middle 70's this week during the daytime.

It appears that the humidity, during the day time, will increase back into the 70's by the end of next week.

REPORT BY: David Dammon

