**One Point Lesson: Moisture Content**

1. Moisture content is to be conducted every 2 hours from the time started after collection of the sample (s) and after starting of new batch or list number in the dryer.
2. Wear Personal Protective Equipment (PPE) which includes sanitized gloves, safety goggles, hairnet, gowning uniform.
3. Daily inspection. Check the temperature sensor and weight scale calibration date of both moisture analyzers located on the top left-hand side of the moisture analyzer. Ensure it has still yet to be expired.
4. Daily inspection. Check the balancing circle bubble on the top left-hand side of the moisture analyzer. Ensure it is in the center place. Else, adjust the balance bubble using the 3 pivots located on the bottom side of the moisture analyzer of each end. Increase by turning clockwise to bring the bubble towards the pivot being adjusted. Decrease by turning anti-clockwise to bring the bubble away from the pivot being adjusted.
5. Note down the specifications of the moisture range for the current list no. being calibrated.
6. Switch on moisture analyzer. Mettler Toledo SN02ANL0007 for Dryer 1 and SN02ANL0008 for Dryer 2.
7. Remove previously sampled spray dry powder (if any) from the aluminum sample pan into the disposal bin for dry powder only.
8. Place 3.000g of collected sample spray dry powder onto the aluminum sample pan from the moisture analyzer according to the correct dryer number and ensure poured powder is evenly spread on the aluminum sample pan.
9. Press the ‘start’ button on the moisture analyzer and wait for about less than 5 minutes.
10. Once the analyzer is done analyzing, write down the reading/results on a piece of paper and inform the current dryer technician that is present in the control room on the results.
11. However, if the reading/results are off-specification, escalate immediately to the current dryer technician that is present in the control room.
12. After escalating follow all instructions given by the current dryer technician that is present in the control room.
13. Remove sampled spray dry powder from the aluminum sample pan into the disposal bin for dry powder only to ensure the 6S standard is being presented.
14. Change aluminum sample pan if dirty or if broken. This is to prevent inaccurate reading and calibration.
15. Switch off moisture analyzer after use.

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