

Message from Tim Clarke, CEO of DWMC

As we celebrate the first anniversary since financial close this month, I'm delighted to announce that the pressure test of boiler 11 has been successfully completed. This gives the whole project team confidence and moves us forward towards the Early Operations Phase, due in Q2 2023. Our EPC contractor has mobilised the commissioning manager to site this month and our teams have held preliminary discussions about commissioning works, due to begin in earnest in Q3 this year. We have just passed 5 million safe working hours without reportable injury, which is particularly pleasing to the whole project community.



Project Progress

All four waste cranes are now installed and tower crane 11 has been dismantled from waste bunker 1, allowing the roof closure to begin. We are now at peak crewing levels with nearly 4,000 personnel at site and multiple contractors at work. Works to connect to the 11kV temporary power supply, needed to energise and operate plant systems during commissioning, is well underway and we are expecting termination and connection to our high-to-medium voltage transformers in the near future. Streets 1, 2 and 3 of the Air Cooled Condenser units have been installed and the flue gas treatment package for line 11 is substantially complete.

All five feed hoopers have been installed and steam header tanks for block two are now all on site ready for installation. The first batch of commissioning documents have been issued by the EPC contractor, including the commissioning permit to work and lock-out-tag-out system.

Closure of the east wall-turbine hall



To the west of the site the TSE tanks have been completed and security fencing installed around the storm water drainage pit. Intermediate roof support columns are being fitted in the IBA storage area and the conveyor belt support structures into the IBA maturation area are progressing well.

Focus Spot-Thermal insulation

The combustion process that produces the superheated steam needed to drive the turbine generator, must be maintained within precise thresholds to ensure optimum plant performance. In order to maintain the high temperatures inside the boiler walls, superheater assemblies and primary air heaters, insulating material is applied to all external surfaces. Fire resistant rock wool is used with a thin metallic sheeting overlay. Following the successful completion of the hydraulic pressure test of boiler 11, the EPC contractor will now start insulation works on the boiler walls. Insulation of the primary air ducting and bottom ash riddling assemblies is already underway.

Insulation of primary air ducting in boiler 11



Heat Stress Management

The UAE summertime working regulations came into force on June 15th, and our EPC contractor has been implementing a number of measures to reduce heat stress to the workforce, during the hottest time of the year. Working hours have been changed so that there is no outside working between 12 and 4pm; additional rest shelters and drinking water stations have been erected around the site and the entire project workforce has been issued with individual drinking flasks. Training sessions and workforce briefings focus on the signs and symptoms of heat stress and the techniques needed to keep cool at work.

Workers drinking flasks awarded following 3 million hours without LTI



For information about the DWMC project, to request information or to raise a grievance please email us at info@dwmc.ae.