



Air Conditioner Test Lab



Refrigerator Test Lab

FACT SHEET

- **Funding** : Millennium Challenge Corporation (MCC) & Ghana Standards Authority (GSA)
- **Contractors** : GHS Housing and CR InterTrade Ltd
- **Project Manager** : SMEC International Pty Ltd
- **Total Contract Price** : US\$ 1,886,981.14 (Containment Building, AC & Refrigerator Testing Equipment)
- **Containment Building** : Start, 2nd June 2020; End, 8th May 2021
- **Installation of Equipment** : Start, 19th April 2021; End, 16th July 2021
- **No. of Components** : 2 (AC and Refrigerator Testing Components)
- **System Capacity** : AC Component- (up to 12kW);
Refrigerator Component- (up to 600L)

Benefits Include:

- It will ensure that only approved energy efficient cooling appliances are allowed into the market
- It will improve regulatory activities through the various test parameters
- It will also improve Customer confidence in their choice of items they purchase
- It will widen the Customer's choice in selecting according to their Budgets
- It will help to reduce the high energy demand and usage of power on the national electricity grid



GHANA POWER COMPACT

Inauguration

AIR CONDITIONER AND REFRIGERATOR TEST LABORATORY FOR THE GHANA STANDARDS AUTHORITY

Date:
Thursday November 18, 2021

Venue:
Ghana Standards Authority, Accra



**GHANA
STANDARDS
AUTHORITY**

PROGRAMME

- 9.30am Guests Arrive
- 10.00 Opening Prayer
- 10.05 Welcome Address - MiDA Board Chairperson
- 10.10 Statement by GSA - GSA Board Chairman
- 10.15 Statement by US Ambassador - H.E. Stephanie S. Sullivan
- 10.20 Guest Speaker's Address - Hon. Alan K. Kyerematen
Min. for Trade & Industry
- 10.35 Introduction of Contractors
- 10.40 Vote of thanks - Director General, GSA
- 10.45 Closing Prayer
- 10.50 Ceremonial Inauguration of
Test Facility:
- Cutting of Ribbon and unveiling of Plaque
 - Tour of the Test Laboratory
- 11.05 Departures

AIR CONDITIONER AND REFRIGERATOR TEST LABORATORY

The Millennium Development Authority (MiDA) and the Ghana Standards Authority (GSA) have invested US \$1,886,981.14 (\$1,841,841,981 and \$45,000 respectively), in the construction of a new Air Conditioner and Refrigeration Test Laboratory for the Ghana Standards Authority (GSA) as part of the Energy Efficiency and Demand Side Management (EEDSM) Project of the Ghana Power Compact.

Air Conditioners and Refrigeration appliances are high energy consuming appliances, therefore, the establishment of the Test Laboratory will support Ghana's energy efficiency agenda.

The Test Laboratory, which is the first of its kind in Ghana and in the West Africa Sub-Region, has the capacity to test 96 Air Conditioners and 48 Refrigeration appliances annually.

The Facility will enable the Ghana Standards Authority to test and ensure that all Air Conditioners and Refrigerators imported into Ghana meet the Minimum Energy Performance Standard (MEPS) set out in the Energy Commission's Energy Efficiency Regulations.

The introduction of the Facility is timely, as it will also support the work of the Energy Commission in enforcing the Import Certification Scheme, which demands that selected high-risk goods entering Ghana must be certified as meeting all obligatory standards. The Facility will also aid the effectiveness of the current Energy Efficiency Appliance Standards and Labelling regime being undertaken by the Energy Commission

The Test Laboratory was constructed and equipped under the US\$316m Ghana Power Compact Program with funds provided by the Government of the United States of America, acting through its Agency, the Millennium Challenge Corporation (MCC).

