



## **Azul Door Services service procedure (Sliding / Folding)**

Observe door operation, note door speeds and times on conformity certificate, check program switch operation testing each function to ensure full functionality of the installation

Test safety sensors with EN16005 test box to ensure correct coverage / reaction from door operator. Record sensor type, field depth, width on conformity certificate.

If fitted, test break-out system, measure force required to disengage door leafs, record type and functionality on conformity certificate also note reaction of operating system when break out used.

Check condition of frame and glazing, making any notes on the conformity certificate.

Inspect barriers / pocket screens for functionality and stability, ensure correct fixing have been used and are securely mounted to frame / floor.

Find mains isolation point and disconnect the main supply to the entrance, observing the reaction of the door operator, ensure findings are recorded.

Move the door leaf(s) manually to the fully open and closed position, checking for resistance, check for excessive movement, inspect floor guides for wear / damage

Check door leafs in the open and closed position for entrapment risks, record all measurements and distances on conformity certificate,

Carefully remove the drive cover watching for unexpected debris or loose components that may fall from inside the cover. Once lifted ensure the cover(s) are secured if hinged or removed from the drive and taken to a safe location.

Inspect the fixing and test the drive unit to ensure that it is stable and securely connected to the frame, wall or structure that it is fastened to.

Check condition of high voltage cabling, location of earthing points and test continuity of earthing system. Extract fuses to ensure these are the correct rating / type.

Visually check the condition of the low voltage system, ensure cables are contained away from moving components.

Clean any running surfaces remove any debris from inside the drive cover or around the components, if the circuit boards are excessively dirty, use air duster to remove dust. Tighten all components. Move door manually checking for wear in any moving components.

Check condition of carriage assemblies and wheels, inspect for damage, observe bearings for excessive movement or noise, tighten where possible remove and dirt or debris from the running surfaces. Inspect

anti rise system ensuring correct function, adjust as required. Lubricate any moving parts with correct lubrication products (unless self lubricating)

Inspect the drive motor for excessive wear or movement, ensure motor is secured to the track correctly, test the resistance over the motor and clean incremental encoder with air duster. Inspect condition of drive belt and pulleys, tighten belt (If required) and ensure correct alignment.

Observe alignment of integral locking systems, ensure correct fail safes are fitted and functioning correctly.

Check emergency unit (If fitted) test voltage and correct fuse type, record manufacture date.

Adjust door alignment (If necessary) if entrapment risks exist, seek guidance from site manager or Azul technical before reducing opening widths

Adjust any operating speeds, or other parameters to allow entrance to work correctly.

Replace cover, switch on drive unit at isolation point and observe operation.

Ensuring the door is in the manual mode, remove covers from safety sensors, and check condition of the sensors and integrity of the connections and wiring loom. Adjust sensors if necessary and clean lenses, replace covers ensuring the lenses are correctly located.

Return drive to correct operational mode and test operation of entrance,

Record any further information on conformity certificate ensuring door location, identity number is used.

Complete log book, including, comments you may want to leave regarding the installation. (EN16005 entrances installed after 2012)

Check condition of signage, fit asset badge to discreet location (If required)

Clean down cover and remove any finger marks from glazing or surrounding frame

Check sensors with test box and walk test entrance to ensure functionality, when you are confident that the entrance is safe, remove tools and equipment to safe location or return them to your vehicle, remove barriers and signs from the entrance, observe the traffic using the entrance checking for smooth interface between the traffic and the entrance.

Contact customer to explain your finding on the entrance, ensuring any recommendations are explained to the customer and if possible where any replacement parts are needed if it would be possible to fit these whilst on site.

Test manual locking with customer, ensuring smooth resistance free operation, lubricate locks with graphite powder (if required) inspect cylinders for wear.

Complete worksheet stating PPM visit and get signatures on worksheet and conformity certificate, leave 1 copy of both sheets with customer.