

## COMPLIANCE CERTIFICATE

This is to certify that the product Model No. **MC-500 (HD)** has been manufactured and tested in accordance with the relevant international and project-specific standards. The product is made of **heavy-duty grey cast iron**, produced in compliance with **ASTM A48 material standards**, ensuring strength, durability, and long service life.

The design conforms to **BS EN 124 standards** for manhole and handhole covers. It consists of a **straight bar grey cast iron channel grate with side bars**, engineered with **machine-finished bearing surfaces** to ensure precise fit and stability. The product dimensions include a **clear opening of 250 mm**, an **overall base of 420 mm**, and a **depth of 75 mm**. It has been tested and certified to withstand a **40-ton load capacity (D 400 class)**, making it suitable for heavy-duty applications such as roads and high-traffic areas.

The grate incorporates a **great length of 75 mm** and is provided with **holes for anchor bolts** to ensure secure installation and reliable performance. For protection against corrosion and environmental exposure, the product is coated with **black coaltar epoxy as standard**, with **black bitumen** available as an optional protective coating.

Each grate is permanently inscribed with the manufacturer's name, production batch number, load class, applicable standard, country of origin, and project name (if specified). This ensures full traceability, compliance verification, and easy identification.

We hereby declare that the product Model No. **MC-500 (HD)** fully complies with the requirements of **ASTM A48 material standards** and the **BS EN 124 design standard**. The product has been verified to achieve a **40-ton (D 400) load capacity**, ensuring reliability, safety, and performance for heavy-duty applications.

Eng. Faisal Saeed  
Technical Manager

