

COMPLIANCE CERTIFICATE

This is to certify that Model MC-173 DI (HD) is a Heavy-Duty Ductile Iron Cover and Frame assembly, manufactured in full compliance with ASTM A536 material standards and conforming to BS EN 124 (D400) classification for manhole and handhole covers. This classification ensures the product is suitable for use in areas exposed to heavy traffic loads, including roadways, industrial zones, and commercial driveways.

- ❖ The design features a circular cover and square frame, providing improved load transfer and installation flexibility. Machine-finished bearing surfaces ensure a precise, secure fit, reducing noise and wear over time.
- ❖ The unit offers a clear opening of 600 mm Ø and an overall base dimension of 800 x 800 mm, with a depth of 75 mm, delivering compact yet robust structural performance.
- ❖ With a load capacity of 40 tons (D400), this model meets the requirements for high-strength, long-lasting infrastructure applications.
- ❖ Key Features & Benefits:
 - Register: Ensures correct seating of the cover within the frame, enhancing load stability.
 - Lifting Key Holes: Allow safe and easy removal for maintenance, reducing handling risks.
- ❖ Coating: The product is supplied with a standard Coal Tar Epoxy coating for corrosion resistance, with Black Bitumen available as an optional finish for enhanced protection in harsh environments.
- ❖ Each cover is provided with a permanent cast inscription, indicating the manufacturer's name, production date, usage in both Arabic and English (e.g., مياه | WATER), load class, applicable standard, country of origin, and project name if specified. This ensures traceability, regulatory compliance, and facilitates easy identification and maintenance throughout the product's lifecycle.

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