

COMPLIANCE CERTIFICATE

This is to certify that Model MC-131WT (HD) is a Heavy-Duty Grey Cast Iron Cover and Frame assembly, manufactured in accordance with ASTM A48 material standards and fully compliant with the BS EN 124 (D400) classification for manhole and handhole covers. This compliance confirms the product's suitability for use in areas exposed to heavy traffic loads, such as roadways, commercial driveways, and other high-load infrastructure environments.

- ❖ Designed to withstand loads of up to 40 tons (D400), this unit offers a durable, high-strength access solution that meets the performance demands of modern utility networks.
- ❖ The design incorporates a circular cover seated in a square frame with precision-machined bearing surfaces, ensuring a stable, vibration-free fit that reduces wear and prolongs operational life.
- ❖ The cover provides a clear opening of 915 mm Ø for safe and efficient access to underground utilities, supported by a 1270 x 1270 mm overall base for added stability and structural support. A depth of 140 mm ensures robustness under dynamic and static loading.
- ❖ Key Features & Their Benefits:
 - Single Seal: Provides a secure seal to reduce surface noise and restrict odor escape.
 - Water-Tight: Prevents water ingress, protecting underground infrastructure from flooding or contamination.
 - 4 Locking Screws: Enhance security by preventing unauthorized removal of the cover.
 - 4 Closed Key Holes: Maintain surface integrity and prevent ingress of dirt or debris into lifting points.
 - 4 Anchoring Holes: Allow for solid and permanent fixing to concrete foundations.
 - Rubber Gasket: Ensures a tight, vibration-dampening seal that minimizes noise and enhances water resistance.
- ❖ Coating
 - Black Bitumen Coating (Standard).
 - Coal Tar Epoxy (Optional) for enhanced corrosion resistance and extended product life in harsh environments.
- ❖ Inscription
 - Each cover includes a permanent cast inscription displaying 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 inscription ensures full traceability, regulatory compliance, and facilitates clear on-site identification and ease of maintenance throughout the product's lifecycle.

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