

# Gully tops and manhole tops for vehicular and pedestrian areas

## SANS 50124: 1994



## Design requirements, type testing, marking, quality control

### As a manufacturer, how do I comply with SANS 50124: 1994 and gain Kitemark™ certification?

The route to gaining and maintaining Kitemark™ certification is simple, with two key elements:

1. Implementing and maintaining an effective Quality Management System (QMS) based upon the requirements of ISO 9001: 2015, the Product Standard (i.e. SANS 50124: 1994) and the SANS 50124: 1994 Kitemark™ Scheme Protocol.
2. Producing SANS 50124: 1994 compliant product

Our dedicated team will discuss the technical requirements of the Standard with you as well as guiding you through the process of gaining Kitemark™ certification.

### Kitemark™ Application

As part of the Kitemark™ certification application process we would ask for key information relating to your product which will allow us to determine the scope of your certification and testing requirements, information such as:

- Does your product fit the scope of SANS 50124: 1994?
- Product description
- Drawings
- Dimensions, including clear opening & frame depth
- Frame and cover material information
- Cover filling material
- Load classification
- Production location(s)

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## Quality Management System

Once your QMS is in place one of our dedicated Client Managers will visit your factory and carry out a thorough review of your system and its effectiveness, with focus on the technical requirements of the Standard and the end product. We can divide these assessments into two stages if needed; a Stage 1 to assess your readiness and a Stage 2 Initial Assessment Visit for the full assessment.

Our Client Manager will provide a full assessment report. If your QMS is found to be effective our Client Manager will make a recommendation to continue the process toward certification.

## Initial Type Testing

Once your QMS is in place and found to be operating effectively our expert teams will carry out testing of your product against the full requirements of SANS 50124: 1994. We have the capability to either carry out testing in our UK Centre of Excellence Laboratory in Hemel Hempstead, Hertfordshire, at your premises if you have the appropriate facility, or a combination of both. It doesn't matter where you are located as our teams operate globally.

As a guide, Initial Type Testing will include some or all of the following tests, dependent upon the product design and material:

- Geometric characteristics
- Design requirements
- Permanent set of the cover or grating
- Application of a test load
- Securing of the cover / grating within the frame
- Marking

Our team will provide you with a full test report showing every test undertaken, the requirement for each test, the measured test result, as well as an overall assessment of conformity of your product against SANS 50124: 1994.

## Your New Kitemark™ Certificate

With an effective QMS and a fully conforming product we will award you a new Kitemark™ certificate with your own unique Kitemark™ certificate number.

## What happens once the Kitemark™ Certificate is awarded?

Kitemark™ certification shows a continuing commitment to producing quality, safe and conforming products. During the lifetime of the certificate we will continue to assess the effectiveness of your QMS and the conformity of your product:

- Bi-annual assessments of your QMS, referred to as Continuing Assessment Visits (CAV)
- Audit testing of a sample of your product range, at least once per year

## Continuing Assessment Visits

This is similar to an Initial Assessment Visit however we will sample specific elements of your QMS to ensure continued effectiveness against the requirements of accordance with ISO 9001, SANS 50124: 1994, and the Kitemark™ Scheme Protocol. Over the course of a cycle (normally 3 years) we will look to sample each key element of your system, but we will always review elements of your production processes and end-product inspection and testing.

## Audit Testing

At least once per year we will test a limited sample of your product range in accordance with SANS 50124: 1994 and the Kitemark™ Scheme Protocol.

SANS 50124: 1994 is the South African National Standard which is a direct adoption of EN 124:1994.