

**General Specification for Building Services Installation  
in Government Buildings of the Hong Kong Special Administrative Region  
2022 Edition (Incorporating Corrigendum No.GSBS01-2022)**

The General Specification for Building Services Installation in Government Buildings of the Hong Kong Special Administrative Region 2022 Edition (hereinafter referred to as “General Specification for Building Services Installation 2022 Edition”) is reviewed from time to time to ensure that requirements stipulated in the document are clear, concise and in pace with technological advancements.

Corrigendum No.GSBS01-2022 is issued to incorporate updates and revisions to the General Specification for Building Services Installation 2022 Edition which are highlighted in the ensuing summary of major changes.

Electronic version of the General Specification for Building Services Installation 2022 Edition (Incorporating Corrigendum No.GSBS01-2022) can be viewed on the ArchSD Internet website.

After an introductory period of 1 month, the General Specification for Building Services Installation 2022 Edition (Incorporating Corrigendum No.GSBS01-2022) shall apply to all tenders to be invited on or after 1 March 2024.

**MAJOR CHANGES IN THE CORRIGENDUM (NO. GSBS01-2022) OF THE  
GENERAL SPECIFICATION FOR BUILDING SERVICES INSTALLATION  
IN GOVERNMENT BUILDINGS OF THE HONG KONG SPECIAL ADMINISTRATIVE REGION  
2022 EDITION**

Old Ref. No.	New Ref. No.	Major Changes
<b>SECTION 7.2 – MATERIAL AND EQUIPMENT SPECIFICATION</b>		
7.2.2.4.1	7.2.2.4.1	Add a new paragraph on the manufacturing requirements for steel trunking.
7.2.2.4.2	7.2.2.4.2	<ul style="list-style-type: none"> <li>- Change the text “...coating on both sides with a minimum coating mass of 275g/m<sup>3</sup> according to BS EN 10346:2015” as “...coating on both sides to BS EN 10346:2015 with a minimum coating designation of Z275.”.</li> <li>- Add new paragraphs on the testing requirements for protection against corrosion.</li> </ul>

**ARCHITECTURAL SERVICES DEPARTMENT**  
**BUILDING SERVICES BRANCH**

**GENERAL SPECIFICATION FOR**  
**BUILDING SERVICES INSTALLATION**  
**IN GOVERNMENT BUILDINGS OF**  
**THE HONG KONG SPECIAL ADMINISTRATIVE REGION**  
**2022 EDITION**

**Corrigendum No. GSBS01-2022**  
**(Effective from 1 Mar 2024)**

The following clauses are amended in the above edition of General Specification for Building Services Installation.

**Clauses**

**AMENDMENTS TO SECTION 7.2 – MATERIAL AND EQUIPMENT SPECIFICATION**

7.2.2.4.1 Steel Trunking

The steel trunking shall be manufactured in a process conforming to the relevant quality assurance standard ISO 9001:2015. Valid manufacturer's certificate of accreditation to the recognised Quality Assurance System issued within three years before the material delivery to site shall be submitted.

Steel surface and raised floor trunking systems shall be compatible to the requirements laid down in IEC 61084-1:2017. The body and cover of the surface and raised floor trunkings shall be fabricated with sheet steel having a minimum thickness as indicated in Table 7.2.2.4.4(1).

Steel flush floor and underfloor trunking shall be compatible to the requirements laid down in IEC 61084-1:2017 and IEC 61084-2-2:2017. The body and access cover of the flush floor and underfloor trunkings shall be subjected to external mechanical loads and fabricated with sheet steel having a nominal thickness as indicated in Table 7.2.2.4.4(2).

Manufacturer's standard fittings such as tee or angle pieces, connectors, junction boxes, end caps, modular service outlet boxes and panels, etc. shall be used throughout the trunking system unless prior approval has been obtained from the Supervising Officer.

#### 7.2.2.4.2 Protection against Corrosion

Steel trunking and associated fittings, except service outlet panel of modular service outlet box, shall have continuous hot-dip zinc coating on both sides to BS EN 10346:2015 with a minimum coating designation of Z275. The service outlet panel of modular service outlet box shall be epoxy coated unless otherwise specified. Test report of trunking materials showing the compliance with the above standard issued by an organisation accredited under HOKLAS of the HKAS, or an organisation accredited by an accreditation body mutually recognised by HKAS, shall be submitted. The test results shall be traceable with clear identification in the Delivery Note and marked on the trunking indicating that the material tested is of the same batch as material used for the project.

On-site non-destructive sample tests by coating thickness gauge as specified in BS EN ISO 2178:2016 shall be conducted as part of the inspection and acceptance procedures for coating of steel trunking. Additional samples shall be tested if the material failed in the first round of non-destructive tests. The Contractor may arrange destructive test at their own cost for verification if the results in both rounds of non-destructive tests do not comply with the coating requirements, otherwise the whole batch of material would not be accepted.