



# भारतीय मानक ब्यूरो BUREAU OF INDIAN STANDARDS

MANAK BHAVAN, 9 BAHADUR SHAH ZAFAR MARG, NEW DELHI 110002  
Phone: + 91 11 23230131, 23233375, 23239402 Extn 8406, 23608406; Website: www.bis.gov.in

## व्यापक परिचालन मसौदा

हमारा संदर्भ : सीईडी 50/टी-86

08 जून 2022

तकनीकी समिति : प्लास्टिक पाइपिंग सिस्टम विषय समिति, सीईडी 50

प्राप्तकर्ता :

- 1 सिविल इंजीनियरी विभाग परिषद, सीईडीसी के सभी सदस्य
- 2 प्लास्टिक पाइपिंग सिस्टम विषय समिति, सीईडी 50, पोलीओलीफिस एवं जीआरपी पाइपिंग सिस्टम उपसमिति सीईडी 50:1, पीवीसी एवं एबीएस पाइपिंग सिस्टम उपसमिति, सीईडी 50:2 के सभी सदस्य
- 3 रुचि रखने वाले अन्य निकाय।

महोदया/महोदय,

निम्नलिखित मसौदा संलग्न है:

प्रलेख संख्या	शीर्षक
सीईडी 50 (19730)WC	आईएस 16098 (भाग 2) : 2013 गैर-दबाव जल निकासी और सीवरेज के लिए सरंचित-दीवार प्लास्टिक पाइपिंग पद्धतियाँ - विशिष्टि: भाग 2 गैर-चिकनी बाहरी सतह के साथ पाइप और फिटिंगें, टाइप बी की संशोधन संख्या 3 का मसौदा (आई सी एस संख्या 23.040.20; 23.040.45; 91.140.80; 93.030)

कृपया इस मसौदे का अवलोकन करें और अपनी सम्मतियाँ यह बताते हुए भेजे कि यह मसौदा प्रकाशित हो तो इन पर अमल करने में, आपको व्यवसाय अथवा कारोबार में क्या कठिनाइयाँ आ सकती हैं।

**सम्मतियाँ भेजने की अंतिम तिथि: 31 जुलाई 2022**

सम्मति यदि कोई हो तो कृपया अधोहस्ताक्षरी को ई मेल द्वारा [madhurima@bis.gov.in](mailto:madhurima@bis.gov.in) पर या उपरलिखित पते पर, संलग्न फॉर्मेट में भेजें।

यदि कोई सम्मति प्राप्त नहीं होती है अथवा सम्मति में केवल भाषा संबंधी त्रुटि हुई तो उपरोक्त प्रलेख को यथावत अंतिम रूप दे दिया जाएगा। यदि सम्मति तकनीकी प्रकृति की हुई तो विषय समिति के अध्यक्ष के परामर्श से अथवा उनकी इच्छा पर आगे की कार्यवाही के लिए विषय समिति को भेजे जाने के बाद प्रलेख को अंतिम रूप दे दिया जाएगा।

यह प्रलेख भारतीय मानक ब्यूरो की वेबसाइट [www.bis.gov.in](http://www.bis.gov.in) पर भी उपलब्ध हैं।

धन्यवाद।

भवदीय

ह/-

(अरुण कुमार एस.)

प्रमुख (सिविल इंजीनियरिंग)

संलग्न: उपरलिखित



# भारतीय मानक ब्यूरो BUREAU OF INDIAN STANDARDS

MANAK BHAVAN, 9 BAHADUR SHAH ZAFAR MARG, NEW DELHI 110002  
Phone: + 91 11 23230131, 23233375, 23239402 Extn 8406, 23608406; Website: [www.bis.gov.in](http://www.bis.gov.in)

**DRAFT IN  
WIDE CIRCULATION**

## DOCUMENT DESPATCH ADVICE

Reference	Date
CED 50/T-86	08 June 2022

### TECHNICAL COMMITTEE:

### PLASTIC PIPING SYSTEMS SECTIONAL COMMITTEE, CED 50

### ADDRESSED TO:

1. All Members of Civil Engineering Division Council, CEDC
2. All Members of Plastic Piping System Sectional Committee, CED 50, Polyolefins and GRP Piping System Subcommittee, CED 50:1, PVC and ABS Piping System Subcommittee, CED 50:2
3. All others interested

Dear Madam/Sir,

Please find enclosed the following draft:

Doc. No.	Title
CED 50 (19730)WC	<b>Draft Amendment No. 3 to IS 16098 (Part 2) : 2013 Structured – Wall Plastics Piping Systems for Non Pressure Drainage and Sewerage – Specification: Part 2 Pipes and Fittings with Non-Smooth External Surface, Type B (ICS No. 23.040.20; 23.040.45; 91.140.80; 93.030)</b>

Kindly examine the draft revision and forward your views stating any difficulties which you are likely to experience in your business or profession, if this is finally adopted as National Standards.

**Last Date for comments: 31 July 2022**

Comments if any, may please be made in the enclosed format and emailed at [madhurima@bis.gov.in](mailto:madhurima@bis.gov.in) or sent at the above address.

In case no comments are received or comments received are of editorial nature, you will kindly permit us to presume your approval for the above document as finalized. However, in case comments, technical in nature are received, then it may be finalized either in consultation with the Chairman, Sectional Committee or referred to the Sectional Committee for further necessary action if so desired by the Chairman, Sectional Committee.

The document is also hosted on BIS website [www.bis.gov.in](http://www.bis.gov.in).

Thanking you,

Yours faithfully,

Sd/-  
**(Arun Kumar S.)**  
Head (Civil Engg.)

Encl: As above

**BUREAU OF INDIAN STANDARDS**

**DRAFT FOR COMMENTS ONLY**

(Not to be reproduced without the permission of BIS or used as a Code)

**DRAFT AMENDMENT NO. 3 JUNE 2022**

**TO**

**IS 16098 (PART 2) : 2013 STRUCTURED-WALL PLASTICS PIPING SYSTEMS  
FOR NON-PRESSURE DRAINAGE AND SEWERAGE — SPECIFICATION**

**PART 2 PIPES AND FITTINGS WITH NON-SMOOTH EXTERNAL SURFACE,  
TYPE B**

---

Plastic Piping System  
Sectional Committee, CED 50

Last Date for Comments:  
**31 July 2022**

---

(*Foreword, para 4*) — Substitute ‘IS 16268 : 2017/ISO/TR 10358 : 1993 ‘Plastic pipes and fittings — Combined chemical-resistance classification table’ for ‘IS/ISO 10358 ‘Plastics pipes and fittings — Combined chemical-resistance classification table (*under preparation*)’.

(*Foreword, para 5*) — Substitute ‘IS 7634 (Part 2) : 2012 ‘Plastics pipes selection, handling, storage and installation for potable water supplies — Code of practice part 2 laying and jointing of polyethylene (PE) pipes (*first revision*)’ for ‘IS 7634 (Part 2) : 1975 ‘Code of practice for plastic pipe work for potable water supplies: Part 2 Laying and jointing of polyethylene pipes’.

(*Foreword, last para*) — Substitute ‘IS 2 : 2022 ‘Rules for rounding off numerical values (*second revision*)’ for ‘IS 2 : 1960 ‘Rules for rounding off numerical values (*revised*)’.

(*Page 1, clause 2*) — Substitute the following for the existing clause:

‘The following standards contain provisions which through reference in this text, constitute provisions of this standard. At the time of publication, the editions indicated were valid. All standards are subject to revision and parties to agreements based on this standard are encouraged to investigate the possibility of applying the most recent editions of standards indicated below:

<i>IS No.</i>	<i>Title</i>
2530 : 1963	Methods of test for polyethylene moulding materials and polyethylene compounds

3400 (Part 2) : 2014/ ISO 48 : 2010	Methods of test for vulcanized rubber : Part 2 Rubber, vulcanized or thermoplastic — Determination of hardness (hardness between 10 IRHD and 100 IRHD) ( <i>first revision</i> )
4905 : 2015/ ISO 24153 : 2009	Random sampling and randomization procedures ( <i>first revision</i> )
IS 5382 : 2018/ ISO 4633 : 2015	Rubber seals — Joint rings for water supply, drainage and sewerage pipelines — Specification for materials ( <i>second revision</i> )
7328 : 2020	Specification for polyethylene material for moulding and extrusion ( <i>second revision</i> )
12235	Thermoplastics pipes and fittings — Methods of test ( <i>first revision</i> )
(Part 6) : 2004	Stress relief test
(Part 8/Sec 1) : 2004	Resistance to internal hydrostatic pressure, Section 1 Resistance to internal hydrostatic pressure at constant internal water pressure
(Part 8/Sec 2) : 2004	Resistance to internal hydrostatic pressure, Section 2 Leak-tightness of elastomeric sealing ring type socket joints under negative internal pressure and with angular deflection
(Part 8/Sec 3) : 2004	Resistance to internal hydrostatic pressure, Section 3 Leak-tightness of elastomeric sealing ring type socket joints under positive internal pressure and with angular deflection
(Part 9) : 2004	Resistance to external blows (impact resistance) at 0 °C (round-the-clock-method)
13360	Plastics — Methods of testing
(Part 2/Sec 1) : 2016/ ISO 293 : 2004	Sampling and preparation of test specimens, Section 1 Compression moulding of test specimens of thermoplastic materials ( <i>first revision</i> )
(Part 2/Sec 3) : 2019/ ISO 294-1 : 2017	Sampling and preparation of test specimens, Section 3 Injection moulding of test specimens of thermoplastic materials — General principles and moulding of multipurpose and bar test specimens ( <i>first revision</i> )
16098 (Part 1) : 2013	Structured-wall plastics piping systems for non-pressure drainage and sewerage — Specification, Part 1 pipes and fittings with smooth external surface, Type A

(Page 3, clause 5.4) — Substitute the following for the existing clause:

'The addition of the manufacturer's own rework material is permissible. The maximum quantity of the rework material used shall be not more than 5 percent. No other rework material shall be used.'

(CED 50)