

Re: Request to provide Input on Published Amendments to Air Quality Standards

EC ecotechinstruments@gmail.com <ecotechinstruments@gmail.com>
Tue, 21 May 2024 10:19:32 PM +0530 •
To "ChdTCThirtyFive Chemical Engineering" <chd35@bis.org.in>

Dear Madam

My comments are as below

1. **IS 15206:2002/ISO 8760:1990** - Work - Place air - Determination of mass concentration of carbon monoxide - Method using detector tubes for short-term sampling with direct indication Method is useful need to be adopted for workplace air
2. **IS 15209 : 2002 /ISO 8761:1989** - Work - Place air - Determination of mass concentration of nitrogen dioxide - Method using detector tubes for short term sampling with direct indication Method is useful need to be adopted for workplace air.

iso method need to be adopted and need to have format matching with other standard being published

regards

On Thu, May 16, 2024 at 6:07 PM ChdTCThirtyFive Chemical Engineering <chd35@bis.org.in> wrote:

Dear Members of CHD 35,

This is with reference to the 17th Meeting of CHD 35, Air Quality Sectional Committee held on 21-03-2024. During the discussion in the meeting, Committee decided that the amendment published on the below mentioned standards will be circulated to the members for their Inputs.

1. **1. IS 15206:2002/ISO 8760:1990** - Work - Place air - Determination of mass concentration of carbon monoxide - Method using detector tubes for short-term sampling with direct indication
2. **IS 15209 : 2002 /ISO 8761 : 1989** - Work - Place air - Determination of mass concentration of nitrogen dioxide - Method using detector tubes for short term sampling with direct indication

Your valuable insights and feedback on whether these amendments should be adopted by India or not are highly appreciated. Kindly review the attached documents and provide your inputs preferably before 30th May 2024.

Best Regards,

Preeti Prabha

Scientist 'C' | Chemical Department | Member Secretary

Air Quality Sectional Committee, CHD 35

BUREAU OF INDIAN STANDARDS

Manak Bhawan, 9-Bahadur Shah Zafar Marg, New Delhi - 110002, INDIA

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Thanks & Regards,

Dr. Rajendra Prasad
Chief Executive Officer,

Ecotech Instruments
(The NABL Accredited Calibration Laboratory vide CC-2864)
K-127, UPSIDC Industrial Area,
Site-V, Kasna Greater Noida,
Gautam Buddh Nagar-201310
Uttar Pradesh
Cell No. 09810392043
Email ecotechinstruments@gmail.com
ISO 9001:2015 Certified Company

Re: Request to provide Input on Published Amendments to Air Quality Standards**SH** sharmajswarup@hotmail.com <sharmajswarup@hotmail.com>

Tue, 21 May 2024 7:57:24 PM +0530 •

To "ChdTCThirtyFive Chemical Engineering" <chd35@bis.org.in>, "ggp369" <ggp369@yahoo.co.in>, "ggp358" <ggp358@gmail.com>, "sksahu" <sksahu@barc.gov.in>, "avkumar" <avkumar@barc.gov.in>, "shankar" <aggarwalsg@nplindia.org>, "aggarwalshan" <aggarwalshan@gmail.com>, "Tuhin Kumar Mandal" <tuhin@nplindia.org>, "Sanjeev Goyal" <sk_goyal@neeri.res.in>, "aggarwalsmita8" <aggarwalsmita8@gmail.com>, "Pawan Labhasetwar" <pk_labhasetwar@neeri.res.in>, "adiman25sharma" <adiman25sharma@gmail.com>, "mohit.sharma" <mohit.sharma@cii.in>, "shubham.mishra" <shubham.mishra@cii.in>, "ecotechinstruments" <ecotechinstruments@gmail.com>, "eepkol" <eepkol@gmail.com>, "eepkol2" <eepkol2@gmail.com>, "sanjib36" <sanjib36@yahoo.com>, "sbalbir058" <sbalbir058@gmail.com>, "ashishgupta.envirotech" <ashishgupta.envirotech@gmail.com>, "greeneconomyipl" <greeneconomyipl@gmail.com>, "reggreeneconomyipl" <reggreeneconomyipl@gmail.com>, "iaapcdelhi" <iaapcdelhi@gmail.com>, "dhrumilsoni" <dhrumilsoni@iccmil.in>, "regulatory" <regulatory@iccmil.in>, "iccnhq" <iccnhq@iccmil.in>, "kishorgawankar" <kishorgawankar@mpcb.gov.in>, "padmanabh.khadkikar" <padmanabh.khadkikar@mpcb.gov.in>, "vijayprakash" <vijayprakash@ntpc.co.in>, "rajivranjan02" <rajivranjan02@ntpc.co.in>, "sudhirdahiya" <sudhirdahiya@ntpc.co.in>, "Anand Bohra" <anand.bohra@ncbindia.com>, "cme.env" <cme.env@gmail.com>, "mselvarajan2001" <mselvarajan2001@gmail.com>, "K R Pundareeka Nath" <krp.nath@ncbindia.com>, "pundareekanath" <pundareekanath@gmail.com>, "tech" <tech@faidelhi.org>, "arun.mondal" <arun.mondal@indorama.com>, "naikrc" <<naikrc@uni phos.com>>, "vijay.pandey" <vijay.pandey@uniphos-envirotronic.com>, "vinayak.valsangkarp" <vinayak.valsangkarp@uniphos-envirotronic.com>, "nraveendhar" <nraveendhar@rediffmail.com>, "cpcbskt" <cpcbskt@yahoo.co.in>, "rizvi.irdh" <rizvi.irdh@gmail.com>, "nrdrizvi" <nrdrizvi@gmail.com>

Dear Madam & Sirs,

I agree to the proposed amendments in respect of following standards and may be considered for adoption ,

1. **IS 15206:2002/ISO 8760:1990** - Work - Place air - Determination of mass concentration of carbon monoxide - Method using detector tubes for short-term sampling with direct indication
2. **IS 15209 : 2002 /ISO 8761 : 1989** - Work - Place air - Determination of mass concentration of nitrogen dioxide - Method using detector tubes for short term sampling with direct indication.

Regards,

DR. J. S. SHARMA

STA Fellow (Environment), METI, Govt. of Japan

**Former Group General Manager - Head Environment,
Oil and Natural Gas Corporation Ltd. (ONGC),
Former Chairman , NGT Committee on Pitless Drilling**

Present Affiliation :

- **Member, Expert Appraisal Committee- Industry II, Ministry of Environment Forest and Climate Change, Government of India(GOI),**
- **Member, National Mission Mode Project on CCUS,CSIR Ind-Air, CSIR HQ,**
- **Board Member – NEERI ,**
- **Member, QCI-NABET Accreditation Committee,**

Mobile: +91-9868282230 | Email: sharmajswarup@hotmail.com

From: ChdTCThirtyFive Chemical Engineering <chd35@bis.org.in>

Sent: Thursday, May 16, 2024 5:16 PM

To: ggp369@yahoo.co.in <ggp369@yahoo.co.in>; ggp358@gmail.com <ggp358@gmail.com>; sksahu@barc.gov.in <sksahu@barc.gov.in>; avkumar@barc.gov.in <avkumar@barc.gov.in>; shankar@aggarwalng@nplindia.org; aggarwalshan@gmail.com <aggarwalshan@gmail.com>; [Tuhin Kumar Mandal](mailto:TuhinKumarMandal@nplindia.org) <tuhin@nplindia.org>; [Sanjeev Goyal](mailto:SanjeevGoyal@neeri.res.in) <sk_goyal@neeri.res.in>; aggarwalsmita8@gmail.com <aggarwalsmita8@gmail.com>; [Pawan Labhasetwar](mailto:PawanLabhasetwar@neeri.res.in) <pk_labhasetwar@neeri.res.in>; adiman25sharma@gmail.com <adiman25sharma@gmail.com>; mohit.sharma@cii.in <mohit.sharma@cii.in>; shubham.mishra@cii.in <shubham.mishra@cii.in>; ecotechinstruments@gmail.com <ecotechinstruments@gmail.com>; eeplkol@gmail.com <eeplkol@gmail.com>; eeplkol2@gmail.com <eeplkol2@gmail.com>; sanjib36@yahoo.com <sanjib36@yahoo.com>; sbalbir058@gmail.com <sbalbir058@gmail.com>; ashishgupta.envirotech@gmail.com <ashishgupta.envirotech@gmail.com>; greenecomomyipl@gmail.com <greenecomomyipl@gmail.com>; reggreeneconomyipl@gmail.com <reggreeneconomyipl@gmail.com>; sharmajswarup@hotmail.com <sharmajswarup@hotmail.com>; iaapcdelhi@gmail.com <iaapcdelhi@gmail.com>; dhrumilsoni@iccmil.in <dhrumilsoni@iccmil.in>; regulatory@iccmil.in <regulatory@iccmil.in>; iccnhq@iccmil.in <iccnhq@iccmil.in>; kishorgawankar@mpcb.gov.in <kishorgawankar@mpcb.gov.in>; padmanabh.khadkikar@mpcb.gov.in <padmanabh.khadkikar@mpcb.gov.in>; vijayprakash@ntpc.co.in <vijayprakash@ntpc.co.in>; rajivranjan02@ntpc.co.in <rajivranjan02@ntpc.co.in>; sudhirdahiya@ntpc.co.in <sudhirdahiya@ntpc.co.in>; [Anand Bohra](mailto:AnandBohra@ncbindia.com) <anand.bohra@ncbindia.com>; cme.env@gmail.com <cme.env@gmail.com>; mselfvarajan2001@gmail.com <mselfvarajan2001@gmail.com>; [K R Pundareeka Nath](mailto:KR Pundareeka Nath@ncbindia.com) <krp.nath@ncbindia.com>; pundareekanath@gmail.com <pundareekanath@gmail.com>; tech@faidelhi.org <tech@faidelhi.org>; arun.mondal@indorama.com <arun.mondal@indorama.com>; naiirc@uniphos.com <naiirc@uniphos.com>; vijay.pandey@uniphos-envirotronic.com <vijay.pandey@uniphos-envirotronic.com>; vinayak.valsangkar@uniphos-envirotronic.com <vinayak.valsangkar@uniphos-envirotronic.com>; nraveendhar@rediffmail.com <nraveendhar@rediffmail.com>; cpcbskt@yahoo.co.in <cpcbskt@yahoo.co.in>; rizvi.irdh@gmail.com <rizvi.irdh@gmail.com>; nrdrrizvi@gmail.com <nrdrrizvi@gmail.com>

Subject: Request to provide Input on Published Amendments to Air Quality Standards

Dear Members of CHD 35,

This is with reference to the 17th Meeting of CHD 35, Air Quality Sectional Committee held on 21-03-2024. During the discussion in the meeting , Committee decided that the amendment published on the below mentioned standards will be circulated to the members for their Inputs.

4. **IS 15206:2002/ISO 8760:1990** - Work - Place air - Determination of mass concentration of carbon monoxide - Method using detector tubes for short-term sampling with direct indication
5. **IS 15209 : 2002 /ISO 8761 : 1989** - Work - Place air - Determination of mass concentration of nitrogen dioxide - Method using detector tubes for short term sampling with direct indication

Your valuable insights and feedback on whether these amendments should be adopted by India or not are highly appreciated. Kindly review the attached documents and provide your inputs preferably before 30th May 2024.

Best Regards,

Preeti Prabha

Scientist 'C' | Chemical Department | Member Secretary

Air Quality Sectional Committee, CHD 35

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chd35@bis.org.in

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RE: [EXTERNAL EMAIL]Request to provide Input on Published Amendments to Air Quality Standards

SH shekh.faridi@dyson.com
Fri, 06 Sep 2024 3:35:23 PM +0530 •

To "ChdTCThirtyFive Chemical Engineering" <chd35@bis.org.in>

Tags

No Comment....

Regards,
Faridi
+91 9899 302 895
+91 7303 899 805

From: ChdTCThirtyFive Chemical Engineering <chd35@bis.org.in>

Sent: Friday, September 6, 2024 11:44 AM

To: ggp369 <ggp369@yahoo.co.in>; ggp358 <ggp358@gmail.com>; sksahu <sksahu@barc.gov.in>; avkumar <avkumar@barc.gov.in>; aggarwalsg <aggarwalsg@nplindia.org>; aggarwalshan <aggarwalshan@gmail.com>; tuhin <tuhin@nplindia.org>; sk_goyal <sk_goyal@neeri.res.in>; aggarwalsmita8 <aggarwalsmita8@gmail.com>; pk_labhasetwar <pk_labhasetwar@neeri.res.in>; dgcpcb <dg_cpcb@gmail.com>; rajeshcscpcb <rajeshcs.cpcb@nic.in>; adiman25sharma <adiman25sharma@gmail.com>; mohitsharma <mohit.sharma@cii.in>; shubhammishra <shubham.mishra@cii.in>; Shekh Faridi <Shekh.Faridi@dyson.com>; ecotechinstruments <ecotechinstruments@gmail.com>; eeplkol <eeplkol@gmail.com>; eeplkol2 <eeplkol2@gmail.com>; sanjib36 <sanjib36@yahoo.com>; sbalbir058 <sbalbir058@gmail.com>; ashishguptaenvirotech <ashishgupta.envirotech@gmail.com>; greeneconomyipl <[greeneconomyipl@gmail.com](mailto:greenecomomyipl@gmail.com)>; reggreeneconomyipl <reggreeneconomyipl@gmail.com>; sharmajswarup <sharmajswarup@hotmail.com>; iaapcdelhi <iaapcdelhi@gmail.com>; dhrumilsoni <dhrumilsoni@iccmil.in>; regulatory <regulatory@iccmil.in>; iccnhq <iccnhq@iccmil.in>; iccmumbai <iccmumbai@iccmil.in>; kishorgawankar <kishorgawankar@mpcb.gov.in>; padmanabhkhadkikar <padmanabh.khadkikar@mpcb.gov.in>; rajivranjan02 <rajivranjan02@ntpc.co.in>; rajeshmalik <rajeshmalik@ntpc.co.in>; anandbohra <anand.bohra@ncbindia.com>; cmeenv <cme.env@gmail.com>; krpnath <krp.nath@ncbindia.com>; pundareekanath <pundareekanath@gmail.com>; tech <tech@faidelhi.org>; arunmondal <arun.mondal@indorama.com>; naikrc <naikrc@uniphos.com>; vijaypandey <vijay.pandey@uniphos-envirotronic.com>; vinayakvalsangkarp <vinayak.valsangkar@uniphos-envirotronic.com>; nraveendhar <nraveendhar@rediffmail.com>; cpbskt <cpbskt@yahoo.co.in>; rizviirdh <rizvi.irdh@gmail.com>; nrdrizvi <nrdrizvi@gmail.com>

Subject: [EXTERNAL EMAIL]Request to provide Input on Published Amendments to Air Quality Standards

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Dear Members of CHD 35,

This is with reference to the 18th Meeting of CHD 35, Air Quality Sectional Committee held on 13-06-2024. During the discussion in the meeting, Committee decided that the amendment published on the below mentioned standards along with the comments received from Mr. Vinayak Valsangkar will be circulated to the members for their Inputs.

1. **IS 15206:2002/ISO 8760:1990** - Work - Place air - Determination of mass concentration of carbon monoxide - Method using detector tubes for short-term sampling with direct indication
2. **IS 15209 : 2002 /ISO 8761 : 1989** - Work - Place air - Determination of mass concentration of nitrogen dioxide - Method using detector tubes for short term sampling with direct indication

Your valuable insights and feedback on whether these amendments should be adopted by India or not are highly appreciated. Kindly review the attached documents and provide your inputs preferably before **15-09-2024**. So that the inputs received from the members can be discussed in the main committee meeting on 19-09-2024 .

Best Regards,

Preeti Prabha


Scientist 'C' | Chemical Department | Member Secretary

Air Quality Sectional Committee, CHD 35

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RE: External :Request to provide Input on Published Amendments to Air Quality Standards

VI vinayak.valsangkar@uniphos-envirotronic.com <vinayak.valsangkar@uniphos-envirotronic.com>
 Wed, 22 May 2024 9:14:01 AM +0530 •
 To "ChdTCThirtyFive Chemical Engineering" <chd35@bis.org.in>

Dear Preet ji,

As mentioned in the trailing mail, can you pl. share the standards:

IS 15206:2002/ISO 8760:1990 &

IS 15209 : 2002 /ISO 8761 : 1989.

The attachments found in the last mail, were pertaining to only amended line itself. If we get the complete standard copy, we may get the appropriate reference of the proposed amendment.

This will enable us to share our comment within defined time frame. i.e. 30th May.

Thanks!

Regards,



Vinayak Valsangkar
 UNIPHOS ENVIROTRONIC PVT. LTD.
 A UPL group company

P.O.: Nahuli, Tal: Umbergaon, Dist. Valsad,
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From: ChdTCThirtyFive Chemical Engineering <chd35@bis.org.in>

Sent: Thursday, May 16, 2024 5:17 PM

To: ggp369@yahoo.co.in; ggp358@gmail.com; sksahu@barc.gov.in; avkumar@barc.gov.in; shankar <aggarwalsg@nplindia.org>; aggarwalshan@gmail.com; Tuhin Kumar Mandal <tuhin@nplindia.org>; Sanjeev Goyal <sk_goyal@neeri.res.in>; aggarwalsmita8@gmail.com; Pawan Labhasetwar <pk_labhasetwar@neeri.res.in>; adiman25sharma@gmail.com; mohit.sharma@cii.in; shubham.mishra@cii.in; ecotechinstruments@gmail.com; eeplkol@gmail.com; eeplkol2@gmail.com; sanjib36@yahoo.com; sbalbir058@gmail.com; ashishgupta.envirotech@gmail.com; greenecomomyipl@gmail.com; reggreenecomomyipl@gmail.com; sharmajswarup@hotmail.com; jaapcdelhi@gmail.com; dhrumilsoni@iccmil.in; regulatory@iccmil.in; iccnhq@iccmil.in; kishorgawankar@mpcb.gov.in; padmanabh.khadkikar@mpcb.gov.in;

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Dear Members of CHD 35,

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2. **IS 15209 : 2002 /ISO 8761 : 1989** - Work - Place air - Determination of mass concentration of nitrogen dioxide - Method using detector tubes for short term sampling with direct indication

Your valuable insights and feedback on whether these amendments should be adopted by India or not are highly appreciated. Kindly review the attached documents and provide your inputs preferably before 30th May 2024.

Best Regards,

Preeti Prabha

Scientist 'C' | Chemical Department | Member Secretary

Air Quality Sectional Committee, CHD 35

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INTERNATIONAL STANDARD ISO 8761:1989
TECHNICAL CORRIGENDUM 1

Published 2009-07-15

INTERNATIONAL ORGANIZATION FOR STANDARDIZATION • МЕЖДУНАРОДНАЯ ОРГАНИЗАЦИЯ ПО СТАНДАРТИЗАЦИИ • ORGANISATION INTERNATIONALE DE NORMALISATION

Work-place air — Determination of mass concentration of nitrogen dioxide — Method using detector tubes for short-term sampling with direct indication

TECHNICAL CORRIGENDUM 1

Air des lieux de travail — Détermination de la concentration en masse du dioxyde d'azote — Méthode utilisant des tubes détecteurs pour échantillonnage rapide à lecture directe

RECTIFICATIF TECHNIQUE 1

Technical Corrigendum 1 to ISO 8761:1989 was prepared by Technical Committee ISO/TC 146, *Air quality*, Subcommittee SC 2, *Workplace atmospheres*.

Page 4, 9.2, Paragraph 1

Insert a new third sentence, after "... 6 mg/m³",

"The reading error must be lower than 4 ppm (4 ml per 10⁶ ml), otherwise the maximum random error will be bigger than 25 % (expressed as two times the coefficient of variation)."