

**Re: [MED 16, URGENT]Adoption of ISO 11119-1,2,3 and draft amendment to IS 15935**

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**From :** V.B. Borgaonkar Controller of Explosives, Tue, Mar 19, 2024 10:35 AM  
PESO  
<vbborgaonkar@explosives.gov.in>

**Subject :** Re: [MED 16, URGENT]Adoption of ISO  
11119-1,2,3 and draft amendment to IS  
15935

**To :** Mechanical Engineering Department  
<med@bis.gov.in>

**Cc :** Chief Controller of Explosives  
<explosives@explosives.gov.in>,  
Srinivasa Rao Keta Controller of  
Explosives <ksrao@explosives.gov.in>

Sir,

I am directed to convey the approval of Competent Authority for publication of subject documents.

regards,

V.B.Borgaonkar,  
Jt.CCE

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**From:** "Mechanical Engineering Department" <med@bis.gov.in>  
**To:** "Chief Controller of Explosives" <explosives@explosives.gov.in>  
**Cc:** "Srinivasa Rao Keta Controller of Explosives"  
<ksrao@explosives.gov.in>, "V.B. Borgaonkar Controller of Explosives,  
PESO" <vbborgaonkar@explosives.gov.in>  
**Sent:** Friday, March 15, 2024 9:55:27 AM  
**Subject:** Re: [MED 16, URGENT]Adoption of ISO 11119-1,2,3 and draft  
amendment to IS 15935

**REMINDER, URGENT 3**

Dear Sir,

With reference to the trailing mail, It is requested to kindly approve the documents for Publication as matter pertains to Green Hydrogen Mission which is under close observation by MNRE.

**सादर/Regards,**

प्रसून यादव / Prasoan Yadav  
वैज्ञानिक-बी एवं सहायक निदेशक/ **Scientist-B & Assistant Director**  
यांत्रिक इंजीनियरिंग विभाग/ **Mechanical Engineering Department**  
भारतीय मानक ब्यूरो/ **Bureau Of Indian Standards**  
मानक भवन/ **Manak Bhawan**  
9, ब. शा. ज़. मार्ग/ **9, B.S.Z. Marg**  
नई दिल्ली/ **New Delhi - 110002**  
दूरभाष/ **Phone : 011-23608358**  
ई - मेल/ **Email : med@bis.gov.in**



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**From:** "Mechanical Engineering Department" <med@bis.gov.in>  
**To:** "Chief Controller of Explosives" <explosives@explosives.gov.in>  
**Cc:** "Srinivasa Rao Keta Controller of Explosives" <ksrao@explosives.gov.in>, "V.B. Borgaonkar Controller of Explosives, PESO" <vbborgaonkar@explosives.gov.in>  
**Sent:** Monday, March 11, 2024 2:51:56 PM  
**Subject:** Re: [MED 16, URGENT]Adoption of ISO 11119-1,2,3 and draft amendment to IS 15935

**REMINDER, URGENT 2**

Dear Sir,

With reference to the trailing mail, It is requested to kindly approve the documents for Publication as matter pertains to Green Hydrogen Mission which is under close observation by MNRE.

**सादर/Regards,**

प्रसून यादव / Prasoan Yadav  
वैज्ञानिक-बी एवं सहायक निदेशक/ **Scientist-B & Assistant Director**  
यांत्रिक इंजीनियरिंग विभाग/ **Mechanical Engineering Department**

भारतीय मानक ब्यूरो/ Bureau Of Indian Standards  
मानक भवन/ Manak Bhawan  
9, ब. शा. ज़. मार्ग/ 9, B.S.Z. Marg  
नई दिल्ली/New Delhi - 110002  
दूरभाष/Phone : 011-23608358  
ई - मेल/Email : med@bis.gov.in



---

**From:** "Mechanical Engineering Department" <med@bis.gov.in>  
**To:** "Chief Controller of Explosives" <explosives@explosives.gov.in>  
**Cc:** "Srinivasa Rao Keta Controller of Explosives"  
<ksrao@explosives.gov.in>, "V.B. Borgaonkar Controller of Explosives,  
PESO" <vbborgaonkar@explosives.gov.in>  
**Sent:** Friday, March 8, 2024 10:56:58 AM  
**Subject:** Re: [MED 16, URGENT]Adoption of ISO 11119-1,2,3 and draft  
amendment to IS 15935

**REMINDER, URGENT**

Dear Sir,

With reference to the trailing mail, It is requested to kindly approve the documents for Publication as matter pertains to Green Hydrogen Mission which is under close observation by MNRE.

**सादर/Regards,**

प्रसून यादव / Prasoan Yadav  
वैज्ञानिक-बी एवं सहायक निदेशक/ Scientist-B & Assistant Director  
यांत्रिक इंजीनियरिंग विभाग/ Mechanical Engineering Department  
भारतीय मानक ब्यूरो/ Bureau Of Indian Standards  
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नई दिल्ली/New Delhi - 110002  
दूरभाष/Phone : 011-23608358  
ई - मेल/Email : med@bis.gov.in



---

**From:** "Mechanical Engineering Department" <med@bis.gov.in>  
**To:** "Chief Controller of Explosives" <explosives@explosives.gov.in>  
**Cc:** "Srinivasa Rao Keta Controller of Explosives" <ksrao@explosives.gov.in>, "V.B. Borgaonkar Controller of Explosives, PESO" <vbborgaonkar@explosives.gov.in>  
**Sent:** Tuesday, March 5, 2024 2:47:48 PM  
**Subject:** Re: [MED 16, URGENT]Adoption of ISO 11119-1,2,3 and draft amendment to IS 15935

Dear Sir,

With reference to the trailing mail, It is to inform that the draft documents to ISO 11119-1,2,3 were put up for Wide Circulation after approval with last date for comments as 03 March, 2024. No comments have been received till date.

In view of the above, You are requested to kindly approve the documents for Publication as matter pertains to Green Hydrogen Mission which is under close observation by MNRE.

**सादर/Regards,**

प्रसून यादव / Prasoan Yadav  
वैज्ञानिक-बी एवं सहायक निदेशक/ **Scientist-B & Assistant Director**  
यांत्रिक इंजीनियरिंग विभाग/ **Mechanical Engineering Department**  
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दूरभाष/ **Phone : 011-23608358**  
ई - मेल/ **Email : [med@bis.gov.in](mailto:med@bis.gov.in)**



**From:** "V.B. Borgaonkar Controller of Explosives, PESO"

<vbborgaonkar@explosives.gov.in>

**To:** "Mechanical Engineering Department" <med@bis.gov.in>

**Cc:** "Chief Controller of Explosives" <explosives@explosives.gov.in>, sumirparikh@alcanexports.com, ncbhatia@jayfecyl.com, quality@jayfecyl.com, "ghanshyam goyal" <ghanshyam.goyal@ekc.in>, "om prakash" <om.prakash@uttam.com>, vijay@alcanexports.com, nj@timetechnoplast.com, "K.S.Rao Controller of Explosives" <ksrao@explosives.gov.in>

**Sent:** Tuesday, January 9, 2024 1:56:31 PM

**Subject:** Re: [MED 16, URGENT]Adoption of ISO 11119-1,2,3 and draft amendment to IS 15935

Sir,

With reference to trailing mail, I am directed to convey the approval of subject documents for wide circulation.

Regards

V B Borgaonkar

Jt CCE

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**From:** "Mechanical Engineering Department" <med@bis.gov.in>

**To:** "Chief Controller of Explosives" <explosives@explosives.gov.in>

**Cc:** "V.B. Borgaonkar Controller of Explosives, PESO"

<vbborgaonkar@explosives.gov.in>, sumirparikh@alcanexports.com, ncbhatia@jayfecyl.com, quality@jayfecyl.com, "ghanshyam goyal" <ghanshyam.goyal@ekc.in>, "om prakash" <om.prakash@uttam.com>, vijay@alcanexports.com, nj@timetechnoplast.com, "K.S.Rao Controller of Explosives" <ksrao@explosives.gov.in>

**Sent:** Tuesday, January 9, 2024 12:55:08 PM

**Subject:** Re: [MED 16, URGENT]Adoption of ISO 11119-1,2,3 and draft amendment to IS 15935

**Reminder,Urgent 2**

Dear Sir,

With reference to the trailing mail, you are requested to kindly approve the documents for WC for 30 days at the earliest so that timeline given by MNRE may be followed.

सादर/Regards,

प्रसून यादव / Prasoan Yadav

वैज्ञानिक-बी एवं सहायक निदेशक/ Scientist-B & Assistant Director

यांत्रिक इंजीनियरिंग विभाग/ Mechanical Engineering Department

भारतीय मानक ब्यूरो/ Bureau Of Indian Standards

मानक भवन/ Manak Bhawan

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दूरभाष/Phone : **011-23608358**

ई - मेल/Email : [med@bis.gov.in](mailto:med@bis.gov.in)



---

**From:** "Mechanical Engineering Department" <med@bis.gov.in>

**To:** "Chief Controller of Explosives" <explosives@explosives.gov.in>

**Cc:** "V.B. Borgaonkar Controller of Explosives, PESO"

<vbborgaonkar@explosives.gov.in>, sumirparikh@alcanexports.com,

"ncbhatia" <ncbhatia@jayfecyl.com>, "quality" <quality@jayfecyl.com>,

"ghanshyam goyal" <ghanshyam.goyal@ekc.in>, "om prakash"

<om.prakash@uttam.com>, vijay@alcanexports.com,

nj@timetechnoplast.com, "K.S.Rao Controller of Explosives"

<ksrao@explosives.gov.in>

**Sent:** Tuesday, January 2, 2024 4:49:44 PM

**Subject:** Re: [MED 16, URGENT]Adoption of ISO 11119-1,2,3 and draft amendment to IS 15935

**Reminder,Urgent**

Dear Sir,

With reference to the trailing mail, you are requested to kindly approve the drafts for WC for 30 days at the earliest so that timeline given by MNRE may be followed.

सादर/Regards,

प्रसून यादव / Prasoan Yadav  
वैज्ञानिक-बी एवं सहायक निदेशक/ **Scientist-B & Assistant Director**  
यांत्रिक इंजीनियरिंग विभाग/ **Mechanical Engineering Department**  
भारतीय मानक ब्यूरो/ **Bureau Of Indian Standards**  
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दूरभाष/ **Phone : 011-23608358**  
ई - मेल/ **Email : [med@bis.gov.in](mailto:med@bis.gov.in)**



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**From:** "Mechanical Engineering Department" <med@bis.gov.in>  
**To:** "Chief Controller of Explosives" <explosives@explosives.gov.in>  
**Cc:** "V.B. Borgaonkar Controller of Explosives, PESO"  
<vbborgaonkar@explosives.gov.in>, sumirparikh@alcanexports.com,  
"ncbhatia" <ncbhatia@jayfecyl.com>, "quality" <quality@jayfecyl.com>,  
"ghanshyam goyal" <ghanshyam.goyal@ekc.in>, "om prakash"  
<om.prakash@uttam.com>, vijay@alcanexports.com,  
nj@timetechnoplast.com, "K.S.Rao Controller of Explosives"  
<ksrao@explosives.gov.in>  
**Sent:** Friday, December 22, 2023 3:42:15 PM  
**Subject:** Re: [MED 16, URGENT]Adoption of ISO 11119-1,2,3 and draft  
amendment to IS 15935

**To**  
**Shri P Kumar,**  
**Chief Controller of Explosives and Chairman, MED 16**

Dear Sir,

This is with reference to the trailing mail regarding adoption of ISO 11119-1,2,3. Since no recommendations have been received from the panel before the due date(21 December, 2023) standard will be adopted by BIS and documents will be sent for WC for 30 days.

In view of the above, You are requested to kindly approve the drafts for WC for 30 days at the earliest so that timeline given by MNRE may be followed.

सादर/Regards,

प्रसून यादव / Praseon Yadav

वैज्ञानिक-बी एवं सहायक निदेशक/ **Scientist-B & Assistant Director**

यांत्रिक इंजीनियरिंग विभाग/ **Mechanical Engineering Department**

भारतीय मानक ब्यूरो/ **Bureau Of Indian Standards**

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दूरभाष/Phone : **011-23608358**

ई - मेल/Email : [med@bis.gov.in](mailto:med@bis.gov.in)



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**From:** "Mechanical Engineering Department" <med@bis.gov.in>

**To:** sumirparikh@alcanexports.com, "ncbhatia" <ncbhatia@jayfecyl.com>, "quality" <quality@jayfecyl.com>, "ghanshyam goyal" <ghanshyam.goyal@ekc.in>, "om prakash" <om.prakash@uttam.com>, vijay@alcanexports.com, nj@timetechnoplast.com

**Cc:** "Chief Controller of Explosives" <explosives@explosives.gov.in>, "V.B. Borgaonkar Controller of Explosives, PESO" <vbborgaonkar@explosives.gov.in>, "K.S.Rao Controller of Explosives" <ksrao@explosives.gov.in>

**Sent:** Sunday, December 17, 2023 2:16:24 PM

**Subject:** Adoption of ISO 11119-1,2,3 and draft amendment to IS 15935

**[URGENT]**

Dear Sir,

This is with reference to the 31st meeting of MED 16 held in joint session with MED 16:1, 16:2, 16:3 subcommittees.

During the meeting, a discussion was held regarding **Adoption of ISO 11119-1,2,3 and draft amendment to IS 15935.**

**The minutes of the meeting are as follows-**

*'Panel agreed to provide their recommendations by 30 November 2023.'*



In view of the above, It is requested to kindly hold the hold the panel meeting at the earliest and provide the recommendations for adoption of ISO 11119-1,2,3 on priority as same is being closely monitored by MNRE and status has to be provided by 21 December, 2023. Kindly note that if no recommendations are received by the panel before the due date, it will be assumed that Panel has agreed for adoption of these standards and subsequently these documents will be put up for WC with approval from chairman.

सादर/Regards,

प्रसून यादव / Prasoan Yadav  
वैज्ञानिक-बी एवं सहायक निदेशक/ Scientist-B & Assistant Director  
यांत्रिक इंजीनियरिंग विभाग/ Mechanical Engineering Department  
भारतीय मानक ब्यूरो/ Bureau Of Indian Standards  
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नई दिल्ली/New Delhi - 110002  
दूरभाष/Phone : 011-23608358  
ई - मेल/Email : med@bis.gov.in



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**From:** sumirparikh@alcanexports.com  
**To:** "Mechanical Engineering Department" <med@bis.gov.in>  
**Cc:** quality@jayfecyl.com, "ghanshyam goyal" <ghanshyam.goyal@jayfecyl.com>, "om prakash" <om.prakash@uttam.com>, nj@timetechnoplast.com, vijay@alcanexports.com, "Chief Controller of Explosives" <explosives@explosives.gov.in>, "V.B. Borgaonkar Controller of Explosives, PESO" <vbborgaonkar@explosives.gov.in>  
**Sent:** Tuesday, October 10, 2023 6:05:49 PM  
**Subject:** Re: Meeting Minutes: To Discuss Recommendations of MNRE Regarding National Green Hydrogen Mission, MED 16 and reforms taking place in BIS on 5-7-2023 at 10:00

Respected Dr.NC Bhatia Sir M/s Jayfe Cylinders (covener) and BIS team,

Greetings and regards from AL-CAN Exports Pvt Ltd

Mr. Vijay Parikh from AL-Can is ready for panel meeting at your suitable time.  
Request to give direction for same.

On Tue, Oct 10, 2023 at 1:45 PM Mechanical Engineering Department  
<[med@bis.gov.in](mailto:med@bis.gov.in)> wrote:

Dear Sir,

With reference to the trailing mail, It is to requested to kindly hold the panel meeting at the earliest as it's progress is being closely reviewed by the Honourable Minister.

Any logistical arrangements for holding the virtual meeting may be conveyed to BIS. Convener and all panel members are requeste d to kindly coordinate with each other for holding the meeting.

**सादर/Regards,**

**प्रसून यादव / Praseon Yadav**

**वैज्ञानिक-बी एवं सहायक निदेशक/ Scientist-B & Assistant Director**

**यांत्रिक इंजीनियरिंग विभाग/ Mechanical Engineering Department**

**भारतीय मानक ब्यूरो/ Bureau Of Indian Standards**

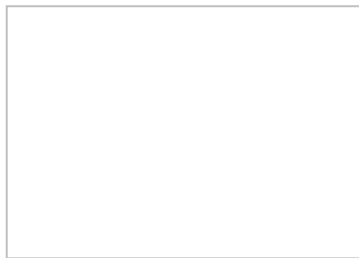
**मानक भवन/ Manak Bhawan**

**9, ब. शा. ज़. मार्ग/ 9, B.S.Z. Marg**

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**दूरभाष/Phone : 011-23608358**

**ई - मेल/Email : [med@bis.gov.in](mailto:med@bis.gov.in)**



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**From:** "Mechanical Engineering Department" <[med@bis.gov.in](mailto:med@bis.gov.in)>

**To:** "quality" <[quality@jayfecyl.com](mailto:quality@jayfecyl.com)>, "ghanshyam goyal"

<[ghanshyam.goyal@jayfecyl.com](mailto:ghanshyam.goyal@jayfecyl.com)>, "om prakash"

<[om.prakash@uttam.com](mailto:om.prakash@uttam.com)>, "nj" <[nj@timetechnoplast.com](mailto:nj@timetechnoplast.com)>, "vijay"

<[vijay@alcanexports.com](mailto:vijay@alcanexports.com)>

**Cc:** "Chief Controller of Explosives" <[explosives@explosives.gov.in](mailto:explosives@explosives.gov.in)>, "V.B. Bargaonkar Controller of Explosives, PESO"

<[vbborgaonkar@explosives.gov.in](mailto:vbborgaonkar@explosives.gov.in)>

**Sent:** Monday, July 31, 2023 12:06:18 PM

**Subject:** Re: Meeting Minutes: To Discuss Recommendations of MNRE Regarding National Green Hydrogen Mission, MED 16 and reforms taking place in BIS on 5-7-2023 at 10:00

Dear Sir,

This is with reference to the 30th meeting of MED 16 Sectional Committee held on 05-07-2023 to discuss Recommendations of MNRE Regarding National Green Hydrogen Mission.

The decisions taken during the meeting on the following standards is -

1. ISO 11119-1: 2020: Gas cylinders — Design, construction and testing of refillable composite gas cylinders and tubes — Part 1: Hoop wrapped fibre reinforced composite gas cylinders and tubes up to 450 l.
2. ISO 11119-2:2020 Gas cylinders — Design, construction and testing of refillable composite gas cylinders and tubes — Part 2: Fully wrapped fibre reinforced composite gas cylinders and tubes up to 450 l with load-sharing metal liners
3. ISO 11119-3:2020 Gas cylinders — Design, construction and testing of refillable composite gas cylinders and tubes — Part 3: Fully wrapped fibre reinforced composite gas cylinders and tubes up to 450 l with non-load-sharing metallic or non-metallic liners or without liners

Decision taken by the committee- " *The committee discussed the issue at length. Shri Naveen Kumar Jain informed that cylinders manufactured as per ISO 11119-1,2,3 are used for storage and transportation of gas whereas IS 15935 are used for automotive use. In view of the above committee constituted the following panel for providing recommendations on adoptions of these ISO standards and for providing draft amendment to IS 15935.*

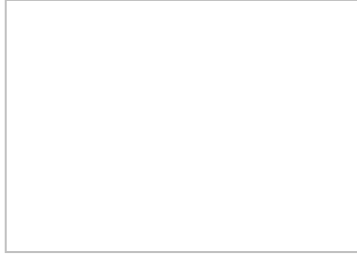
- A) Dr. NC Bhatia, M/s Jayfe Cylinders(convener)
- B) Shri Ghanshyam Goyal, Jayfe Cylinders
- C) Shri Om Prakash, M/s Uttam Cylinders
- D) Shri Vijay Parikh, M/s Al-Can Exports Private Limited
- E) Shri Naveen Kumar Jain, M/s Time Technoplast"

In view of the above, Panel is requested to hold the meeting on priority and provide their recommendation for either adoption of the standards or if an Indigenous standard is to be published, Panel is requested to kindly provide the drafts at the earliest.

Recommendations received will be circulated to the committee members for 10 days, If no comments are received, Drafts will be sent for Wide Circulation for 30 days.

सादर/Regards,

प्रसून यादव / Prasoan Yadav  
वैज्ञानिक-बी एवं सहायक निदेशक/ **Scientist-B & Assistant Director**  
यांत्रिक इंजीनियरिंग विभाग/ **Mechanical Engineering Department**  
भारतीय मानक ब्यूरो/ **Bureau Of Indian Standards**  
मानक भवन/ **Manak Bhawan**  
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नई दिल्ली/ **New Delhi - 110002**  
दूरभाष/ **Phone : 011-23608358**  
ई - मेल/ **Email : med@bis.gov.in**



**From:** "BIS" <[no-reply@bis.gov.in](mailto:no-reply@bis.gov.in)>

**To:** [med@bis.gov.in](mailto:med@bis.gov.in)

**Sent:** Monday, July 31, 2023 10:21:39 AM

**Subject:** Meeting Minutes: To Discuss Recommendations of MNRE  
Regarding National Green Hydrogen Mission, MED 16 and reforms taking  
place in BIS on 5-7-2023 at 10:00



भारतीय मानक ब्यूरो

(उपभोक्ता मामले, खाद्य एवं सार्वजनिक वितरण मंत्रालय, भारत सरकार)

**BUREAU OF INDIAN STANDARDS**

(Ministry of Consumer Affairs, Food & Public Distribution, Govt. of India)

मानक भवन, 9 बहादुरशाह जफर मार्ग नई, दिल्ली-110002

Manak Bhavan ,9 Bahadur Shah Zafar Marg, New Delhi-110002

Phones: 23230131 / 23233375 / 23239402

Website: [www.bis.org.in](http://www.bis.org.in) , [www.bis.gov.in](http://www.bis.gov.in)

## MEETING MINUTES

**Reference: MED16**

**Date: 31-July-2023**

To,

The Chairperson and Members of MED 16 Sectional Committee

Dear Member,

Minutes, duly approved by the Chairperson, for the meeting of the MED 16 Sectional Committee held on 5-7-2023 at BIS HQ have been uploaded on the BIS-Connect portal

Last date of comments: 14.08.2023.

Comments, if any, confined to the accuracy of recording, may please be sent to the undersigned at the earliest. If no reply is received by the above-mentioned date, we will presume your concurrence with the minutes as recorded.

Thanking you,

Yours faithfully,

Encl.: As above.

Name of Member Secretary: PRASOON YADAV

Designation: SCIENTIST-B

[E-mail: med@bis.gov.in](mailto:med@bis.gov.in)

**Please [click here](#) to access the minutes documents.**

**This is an auto-generated email. Please do not reply to this email.  
In case of any issue please contact your member secretary.**

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**AL-CAN EXPORTS PVT. LTD**

With Best Regards

Sumir.V.Parikh

**(DIRECTOR)**

Phone: +91 22 28193122

Phone (Direct): +91 22 28193987

Fax: +91 22 28142477

Mobile: +91 9820032664

email : [sumirparikh@alcanexports.com](mailto:sumirparikh@alcanexports.com)

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