



BIML 04 No. 634/JFM-ID

2004.07.15

To: CIML Members

Subject: **Withdrawal of International Recommendation R 62**
Performance characteristics of metallic resistance strain gauges

Ladies and Gentlemen,

Please find enclosed a copy (available in English only) of a letter received from the US secretariat of OIML TC 10/SC 6 *Strain gauges* indicating the wish of TC 10/SC 6 to withdraw International Recommendation R 62 *Performance characteristics of metallic resistance strain gauges*.

Please return the enclosed voting form indicating your views on this question, with your remarks if any, to the BIML

before 2004.08.31.

If this postal ballot is successful, the withdrawal of this Recommendation will be proposed at the 39th CIML meeting in October 2004 and, if approved, this decision will be submitted for formal sanction by the 12th Conference in October 2004.

Yours faithfully,

J.F. Magaña
BIML Director

Enc.



BIML 04 No. 634/JFM-ID

2004.07.15

Aux: Membres du CIML

Objet: **Retrait de Recommandation Internationale R 62**
Caractéristiques de performance des extensomètres métalliques à résistance

Mesdames, Messieurs,

Veillez trouver ci-joint un exemplaire (disponible en anglais seulement) d'une lettre envoyée par le secrétariat de l'OIML TC 10/SC 6 *Jauges de contrainte* indiquant l'intention du TC 10/SC 6 de retirer la Recommandation Internationale R 62 *Caractéristiques de performance des extensomètres métalliques à résistance*.

Merci de renvoyer au BIML le bulletin de vote ci-joint indiquant votre opinion sur cette question, avec vos éventuelles remarques,

avant 2004.08.31.

Si ce vote par correspondance est positif, le retrait de cette Recommandation sera proposée à la 39ème Réunion du CIML en octobre 2004 et, si cette décision est approuvée, elle sera soumise à la sanction formelle de la 12ème Conférence en octobre 2004.

Meilleures salutations,

J.F. Magaña
Directeur du BIML

PJ



BULLETIN de VOTE

VOTING FORM

à renvoyer au BIML / to be returned to the BIML

avant / before

2004.08.31

Retrait de la Recommandation Internationale R 62 <i>Withdrawal of International Recommendation R 62</i>	Vote			Commentaires <i>Comments</i>
	Caractéristiques de performance des extensomètres métalliques à résistance <i>Performance characteristics of metallic resistance strain gauges</i>	OUI* YES*	NON* NO*	ABSTENTION*

NOTA: Veuillez porter sur une feuille séparée vos remarques et, le cas échéant, les raisons de votre abstention ou refus.

NOTE: Please note your comments on a separate sheet and, if appropriate, the reasons for your abstention or refusal.

ÉTAT MEMBRE:
MEMBER STATE:

Date et signature du Membre du CIML / *CIML Member's signature and date:*

* veuillez rayer les mentions inutiles / *please delete where not applicable.*

March 12, 2004

Jean Francois Magana
OIML Secretariat
International Bureau of Legal Metrology
11, rue Turgot - F-75009 Paris - France

Subject: TC10/SC3 Strain Gages/OIML Recommendation 62

Mr. Magana,

I am responsible for the Secretariat for International Organization on Legal Metrology (OIML) Technical Committee TC10/SC6 "Strain Gauges." The subcommittee is responsible for OIML Recommendation 62 "Performance Characteristics of Metallic Resistance Strain Gauges (R62)" that was adopted in 1985. The Recommendation has not been revised or updated since its adoption almost 20 years ago. R 62 is overdue for revision and it does not comply with OIML's latest guidance on Recommendation formats. For several years we have reported to BIML that we intend to revise R 62 and it is an approved project for SC 6.

As Secretariat of TC10/SC6 I recently initiated a review of the Recommendation to determine if it should be revised and readopted or reaffirmed without modification. I learned that U.S. strain gauge manufacturers have no interest in revising R 62 as they rely primarily on ASTM's E-251 (98) "Standard Test Methods for the Performance Characteristics of Metallic Bonded Resistance Strain Gages" for their needs. Several people have commented that they do not believe that this OIML Recommendation is needed. It is generally acknowledged that OIML R 60 "Metrological Regulation for Load Cells (2000)" is a much more significant document and has wider international recognition and use than R 62. One reason for this is that strain gauges are a component of load cells subject to OIML R 60 "Load Cells." As such, strain gauges are tested for conformance with legal requirements as a part of those instruments and not as a separate component. Another consideration is that based on our experience, there has not been any interest expressed by OIML Member States nor industry in revising R 62 in the past. In fact we do not recall receiving any inquiries regarding R 62 in the last 10 years.

After consulting with both the Participating and Observing Members of OIML TC10/SC6 I request that BIML initiate the process through the CIML to withdraw R 62 and cancel TC10/SC 6. The decision to support the withdrawal and cancellation of R 62 is supported by three of the four Participating Members of SC 6. The membership of SC 6 includes the Czech Republic, the Russian Federation, the United Kingdom, and the United States. The Russian Federation, the United Kingdom, and the United States agree that R 62 should be withdrawn. The Czech Republic did not support withdrawing the Recommendation but did agree that there was no justification for a new edition of R62.

At Attila Szilvássy's suggestion I also contacted the Observing Members of SC6 for their advice regarding R 62 and invited them to become Participating members of the subcommittee. I received responses from Bulgaria, France, the Netherlands, Serbia and Montenegro and Japan. Only Bulgaria expressed interest in having R 62 revised. Japan responded that they did not support revising R 62 but they did not agree that it should be withdrawn. Neither Bulgaria nor Japan provided any suggestions for revising R 62 and they did not express interest in becoming Participating members of SC 6. The comments I received from France, the Netherlands, and Serbia and Montenegro supported the position that R 62 should be withdrawn. Details of the voting are presented below for your review.

In its response, the Netherlands wrote "it is our opinion that there is no real need for ... R 62" and suggested that either ISO and IEC would be the more appropriate forums for developing standards in this field. The U.S. agrees with that statement. The Netherlands also pointed out that according to OIML's 2001 survey regarding the implementation of its Recommendations only five countries responded about R 62. Those five countries included: the Democratic People's Republic of Korea (North Korea), Pakistan, Romania, Russia and the United States. Neither North Korea nor Pakistan are members of SC 6 so we did not contact them concerning R 62.

Romania is an Observing member of SC 6 but I did not receive a response from that country. Both Russia and the U.S. are Participating members of SC 6 and support withdrawing R 62.

Based on responses I received from SC 6's I recommend that the CIML be asked to vote on whether or not to withdraw R 62 in time to take final action at its October 2004 meeting in Berlin.

Here are the results of the inquiry that I sent to the Participating and Observing Members of TC10/SC 6 in December 2003.

Question 1. Do the Participating Members of TC10/SC6 agree that there would be sufficient benefit for OIML Member States and manufacturers and users to justify the development of a new edition of R62? (Note: if your answer to 1 is yes, please describe the technical and other revisions that should be incorporated in a new edition of R62.)

Participating Members:

Czech Republic - No
Russian Federation - No
United Kingdom - No
United States - No

Observing Members:

Bulgaria - Yes
France - No
Japan - No
Serbia and Montenegro - No

Question 2. If your answer to 1 is no, do you agree that TC10/SC6 should recommend to CIML that R 62 be withdrawn and canceled?

Participating Members:

Czech Republic - No
Russian Federation - Yes
United Kingdom - Yes
United States - Yes

Observing Members:

Bulgaria - No (comment: R 62 should be revised with reference to the latest achievements in the field of strain gauges.)
France - Yes
Japan - No
Serbia and Montenegro - Yes

The Netherlands did not submit a voting form. Instead they submitted written comments (shown below in *italics*) in an email dated December 17, 2003.

"Being observing member of OIML TC10/SC6, The Netherlands will not submit the voting form for the revision or withdrawal of R 62 ("Strain Gauges"), but we will confine to the following opinion:

Taken into account that:

- in The Netherlands, there is no legislation for strain gauges as such and it is absolutely not likely that we will ever have such legislation;

- voluntary, not legally binding, standards for strain gauges can of course be useful for manufacturers and buyers of strain gauges;

- there are only 3 countries that implemented OIML R 62 in their legislation and 3 more countries that have indicated to have legislation for strain gauges without having implemented OIML R 62 ("Implementation of OIML Recommendations No. 4 to 127 by the Member States, December 2001").

It is our opinion that there is no real need for OIML recommendation R 62, but that it is more a task for ISO or IEC to publish voluntary standards in this field. At the other hand for those countries that, for any reason, do have such legislation we should not take them the possibility to base this legislation on a suitable OIML Recommendation. In case we would decide to change our membership from O-member to P-member, we should also actively participate in the work of TC10/SC6. And as for our country there is no need for R 62 and as we do not have detailed knowledge of strain gauges as single components, there is no justification for our country to change our membership - Gep Engler, OIML contact person NMI

Please contact me for additional information or clarification regarding this action of TC10/SC6.

Sincerely,

Kenneth S. Butcher

Kenneth S. Butcher, Group Leader
OIML Secretariat for TC10/SC6 Strain Gauges
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