

MANUSCRIPT SUBMISSION REQUIREMENTS «BULLETIN OF KNUTD»

The Editorial Board of the journal «Bulletin of the Kyiv National University of Technologies and Design» accepts for consideration articles based on authors' original research materials and scientific and technological developments. The submitted articles are reviewed by the Editorial Board of the journal «Bulletin of KNUTD». Under a favourable response the articles are approved for publication.

Manuscript submission guidelines

For publication the authors submit:

1. **The article manuscript** along with abstracts in Ukrainian and an extended English summary (a printed document from an electronic version of the article (file), signed by the authors, in **2 (two) copies**. One copy is passed for editorial correction and peer-review.
2. **An electronic version of the article** followed by the abstracts in Ukrainian and English to be placed at the end of the text must be submitted (files on CDs or CD-RWs are accepted). The file title format is the following (in Latin characters): *Last Name (of the author in English), g.:* **Stat.Karpenko_Stat**
3. The original of the payment document **confirming payment for the publication**. Payment is made after the article has been reviewed and accepted for publication.
4. **The statement** signed by the authors confirming that the submitted article was not submitted to other journals, not published previously.

Data submission algorithm for authors:

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Articles structure and format requirements:

- full author's (co-authors') data: full name (no initials or shorten forms; academic degree, academic or/and other honorary titles; exact place of work and position (full name of the university, department or other organizational unit — avoid acronyms); office and home address along with postal codes; email address (personal, not corporate one); telephone numbers (office, home and mobile); key research interests;

- abstract in three languages (Ukrainian, Russian and English); keywords (phrases) in three languages (Ukrainian, Russian and English) — 5-8 items (not from the title);

Abstract (up to 250 words) should follow the structure below:

Abstract (example):

Purpose. To determine metal stud wall systems with improved thermal insulation performance.

Methodology. Thermal transmittance of steel framed walls was analyzed using heat-transfer simulation program THERM 7.6.

Findings. Thermal insulation performance of various configurations of metal stud walls has been evaluated.

Scientific novelty. Approaches to enhance thermal insulation performance of steel framed walls were determined.

Practical value. The work results can be used in designing new energy efficient building.

Key words: steel framed wall, U-value, thermal insulation, thermal insulation performance.

Introduction and research objective. You should clearly provide the rationale for the study based on previous research related to the issue under consideration. This section should be resumed with a statement of a specific issue to be addressed to or a **hypothesis** set.

Then the research objective is to be specified.

Research methods: you should list the methods used (omitting the methodological details) and identify the most important ones.

Results: you should briefly list the key results providing only basic statistics data in the parentheses. **No conclusions** here.

Conclusions: please provide concluding remarks as clearly as possible. You can present key research findings and / or specific recommendations for further research.

- the structure of the article: **problem statement (related to critical research and applied issues); recent research and publications analysis; unresolved issues; research objective; key research findings and their rationale; conclusions and prospects for further research;**
- all structural sections across the text must be in bold;
- all statistics data must be supported with references to sources;
- all quotes must refer to the sources;
- links to textbooks and non-academic literature are unwelcome;
- references to own publications are not welcome and shall be allowed only in exceptional cases;
- when referring to the name of a scientist in the literature review or further in the text the name of the scientist and the publication title must be included in the general list of references at the end of the article;
- citing from secondary sources is not allowed! If you quote Adam Smith – the reference should be to Smith's, not the author who read Smith ;
- interval: 1,15; font size: 12 pt. Margins: left, right, top, bottom – 20 mm each. Only Microsoft Word documents in doc, docx. Font: Times New Roman. All non-text objects must be constructed by means of Microsoft Word (Microsoft Excel Chart, Microsoft Equation). Please, note that the journal is black-and-white in print, so all colours will be different shades of grey only;

- in the formulas – only the most common symbols from the standard set;
- each table and formula must be numbered and titled;
- all figures and graphical materials must be numbered and titled, having an exact indication of the authorship (either author's own — or the reference);
- list of references: no less than 10 sources, in the original language, presented.

Reference (example):

1. Kuznetsova, E. A (2016). A review of definitions of zero energy buildings. *Metallurgical and Mining Industry*, 11, 92 – 98.
2. Sharma, A., Saxena, A., Sethi, M., & Shree, V. (2011). Life cycle assessment of buildings: a review. *Renewable and Sustainable Energy Reviews*, 15(1), 871-875.
3. Murtinho, V., Ferreira, H., Correia, A., et al. (2010). Affordable houses: architectural concept of light steel residential house. In: ICSA2010 – International conference on structures and architecture, 1291–1297.
4. Santos, P., da Silva, L. S., & Ungureanu, V. *Energy Efficiency of Light-weight Steel-framed Buildings, European Convention for Constructional Steelwork (ECCS), Technical Committee 14–Sustainability and Eco-Efficiency of Steel Construction, N.129,2012*. ISBN 978-92-9147-105-8.
5. Kosny, J. & Christian, JE. (1995). Thermal evaluation of several configurations of insulation and structural materials for some metal stud walls. *Energy and Buildings* 22(2), 157–163.
6. Höglund, T. & Burstrandb, H. (1998). Slotted steel studs to reduce thermal bridges in insulated walls. *Thin-Walled Structures*, 32, 81–109.
7. EN ISO 6946:2008. Building Components and Elements—Thermal Resistance and Thermal Transmittance – Calculation Method; International Organization for Standardization: Geneva, Switzerland, 2008.
8. EN ISO 10211. Thermal bridges in building construction – Heat flows and surface temperatures – detailed calculations (ISO 10211:2007), CEN, 2007.

Author Biography: Biographies of the first author and/or the corresponding author within 150 words (including the author photos) should include educational background, research field, and published papers and patents, *etc.* Please submit the biographies as a separate file.

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