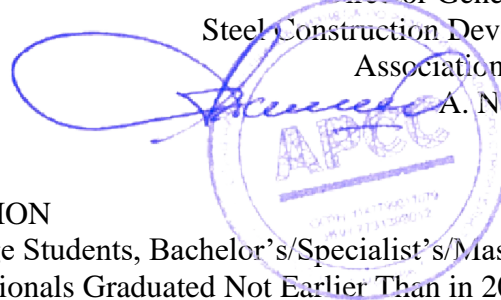


APPROVED  
 Director General of the  
 Steel Construction Development  
 Association (SCDA)  
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## REGULATION

on Steel2Real'2022 International Contest for College Students, Bachelor's/Specialist's/Master's Students of Any Year of Study and Young Professionals Graduated Not Earlier Than in 2019

### I. GENERAL PROVISIONS

*1.1. This Regulation defines the goals, objectives, and procedure for:*

- an open international student Contest Steel2Real'2022 for projects of bachelor's/specialist's/master's students of any year of study, as well as college students and young professionals who have graduated not earlier than in 2019 (hereinafter the "Contest" or "Steel2Real'2022 Contest").

The Contest is held in accordance with the current regulations of the Moscow Government and the Moscow Town-Planning Policy and Construction Complex (Stroykompleks) on architectural and town-planning contests in Moscow.

*1.2. Goals of the Contest:*

1.2.1. Drawing the attention of college students, universities students and graduates to alternative building and construction options, in particular, application of steel structures in all types of civil engineering.

1.2.2. Promoting application of steel as a promising construction material among all Contest's Participants and observers, provoking interest in application of steel structures in their professional projects.

1.2.3. Informing the Contest's Participants about advantages of designing and erecting modern steel-framed multi-storey residential buildings using modular construction technologies that allow implementation of the modern innovative approaches in infrastructure construction.

1.2.4. Providing college and university students and graduates with an opportunity to express and realise their creative and intellectual potential.

1.2.5. Identifying the best steel construction projects that reflect the benefits of steel framing in the most striking and original way. Encouraging and motivating creative, active and committed Participants of the Contest.

*1.3. Main objectives of the Contest:*

1.3.1. To promote application of steel structures in architecture and construction of steel-framed multi-storey residential buildings using modular construction technologies.

1.3.2. To serve as a platform for interaction of the steel construction market Participants.

1.3.3. To develop the Contest's Participants skills in identification of specific features of structural and architectural solutions when designing steel-framed multi-storey residential buildings using modular construction technologies and their impact on key construction indicators, as well as skills of introduction of the state-of-the-art construction technologies into the design, including modular construction technology; to highlight advantages of using steel frames when planning structures; to see possible directions of the Russian technical standards base development.

1.3.4. To provide colleges and higher education institutions with an opportunity to assess the level of training and skills of their students and graduates by means of the Contest, to enhance the prestige of an institution.

### II. CONTEST ORGANISER

2.1. The Steel Construction Development Association (SCDA) is the Contest Organiser.

2.2. The Organiser shall:

2.2.1. Organise holding the Contest in accordance with the Contest rules established hereby, and ensure:

- equal conditions for all Contest Participants;
- broad publicity of the Contest;
- prevention of disclosure of the Contest results prior to the date of official announcement;
- awarding prizes to Participants who will be recognised as Winners and runners-up of the Contest according to its rules.

2.2.2. Interact with the Contest's Participants, Partners and Judges during the Contest.

2.2.3. Provide technical support during the Contest, and solution of all working issues.

2.2.4. Ensure awarding the Contest Winners prizes after holding the Contest final.

2.2.5. Informing the media, Contest's Partners and Participants about the course of the Contest and its results.

2.3. The Organiser shall be entitled to:

2.3.1. Refuse to award the prize to a Participant who has refused to give the Consent to Process Personal Data.

2.3.2. Change the Contest rules with notification of the Participants about such changes on the Contest Website.

2.3.3. Avoid written communication or other contacts with the Contest Participants, except as provided for herein.

2.3.4. Hold interviews, take photographs and videos of the Contest Participants without paying them additional remuneration, post the interviews, photographs and videos of the Contest Participants on the Organiser's website ([www.steel-development.ru](http://www.steel-development.ru)) and the Contest website ([www.steel2real.ru](http://www.steel2real.ru)).

2.3.5. The Organiser may, at its sole discretion, withdraw any Application for participation in the Contest, and prohibit any person that forges or profits from forging the Applications for participation in the Contest or acts in breach of this Regulation, acts in a destructive way or with intention to annoy, insult, threaten or disturb any person associated with the Contest from participating in the Contest. A notification with indicated reasons for cancelling the Application will be sent to the email address of the Participant with such Application.

2.3.6. The Organiser reserves the right to introduce additional restrictions at any time, such as technical restrictions preventing unfair (violating the conventional rules and regulations for Contest participation, including dissemination of inaccurate or false information) participation in the Contest. If any unfair registration is identified, the Application for participation in the Contest will be cancelled. A notification indicating the reasons for cancelling the Application will be sent to the email address of a person who has placed such Application on the Contest Website.

2.3.7. If any phase of the Contest cannot be held as described herein for any reason, including reasons caused by computer virus infection, Internet faults, defects, manipulations, tampering, fraud, technical faults, or any other reason beyond the control of the Organiser that distorts or affects the performance, security, integrity, or proper conduct of the Contest, the Organiser may at its discretion stop the Contest before the Contest Winner is announced by publishing the relevant information on the Contest Website.

The Organiser, the Participants and other interested parties also acknowledge that at the time of conducting any phase of the Contest, any restrictions or an absolute prohibition on public recreational activities may be introduced in the Russian Federation to prevent spreading of the new coronavirus disease (COVID-2019). In this case the Organiser, at its discretion and depending on the introduced emergency measures, may either completely stop any phase of the Contest, including its final, or change the format of conducting the Contest in accordance with the requirements of government authorities.

2.4. The Organiser shall not be liable for:

2.4.1. Failure of a Participant to receive information about winning the Contest or being awarded the Prize due to irrelevant and/or unreliable information provided by the Participant.

2.4.2. Technical faults associated with transmission of data via the communication channels used during the Contest, including operation of Internet service providers.

2.4.3. Failure to perform and/or untimely performance of actions provided herein by the Participants.

### III. CONTEST PARTICIPANTS

3.1. Bachelor's, specialist's and master's students of any forms of study and institutions of any fields, as well as students of any colleges may take part in the Steel2Real'2022 Contest. Young professional who have graduated not earlier than in 2019 can also take part in the Steel2Real'2022 Contest.

3.1.1. The Judges or persons appointed by the Organiser as responsible for preparation and conduct of the Contest are not entitled to participate in the Contest.

3.2. Guarantees and obligations of the Participants:

3.2.1. The Participants shall guarantee that they have full intellectual property rights to the content of the project submitted for the Contest. In case of any complaints, claims and/or lawsuits from third parties or supervising authorities against the Contest Organiser or other third parties associated with conducting the Contest, the Participants shall agree that they are obliged to independently and at their own expense settle such complaints, claims and/or lawsuits, and the Organiser and other third parties associated with conducting the Contest shall be exempt of liability. The Participants shall be also obliged to reimburse for all losses caused by such complaints, claims and/or lawsuits. If the Organiser or other third parties are forced to independently settle such complaints, claims and/or lawsuits, then the Participants shall be obliged to reimburse for all losses caused by such complaints, claims and/or lawsuits.

3.2.2. In case of any disputes concerning the rights to the project submitted to the Contest, the Application shall be automatically withdrawn from the Contest, and if the Participant(s) with such Application has (have) been chosen as the Winner, the result of such choice shall be cancelled.

3.2.3. The Organiser shall not be liable for the Participant's infringement of copyright and other rights, as well as for possible violations of rights of third parties by the Participant in relation to placement of Applications for the Contest.

3.2.4. The Participants shall complete all the requested data in the Application and submit it to the Contest Website. The submitted information will be available to the Contest Organiser only. Graphical drawings of the Contest finalists will be publicly available.

3.2.5. The Participant who has submitted an Application for the Contest gives the unconditional consent to the use of the materials by the Contest Organiser.

3.2.6. The Participants receiving prizes based on results of the Contest give their consent to process their personal data by the Contest Organiser by submitting an original consent to process personal data.

3.3. The Participants shall be entitled to:

3.3.1. Take part in the Contest in accordance with the Contest rules established hereby.

3.3.2. Submit one or more projects for the Contest.

3.3.3. Use metal products of the holding companies (EVRAZ PLC, PAO Severstal, OMK, NLMK) in their projects.

3.3.4. Take part in the Contest individually or as part of project teams of no more than 5 members.

3.3.5. Claim the prize, if the Participant(s) has (have) been declared one of the Winners of the Contest.

3.3.6. Receive information about the terms and conditions of the Contest by the means specified in these Regulations.

3.3.7. Only the Organiser can answer the Participant's questions arising when obtaining the Contest documents or in other cases. Clarifications and consultations concerning the Contest shall be provided by the Organiser on the Website: [www.steel2real.ru](http://www.steel2real.ru).

### IV. MAIN RULES AND CONDITIONS OF THE CONTEST

4.1. Information about all issues concerning the Contest, including the Regulation, rules, information about the Partners, results, changes in the rules shall be provided on the Contest Website [www.steel2real.ru](http://www.steel2real.ru).

4.2. The Contest is public. There is no charge for participating in the Contest.

4.3. The Contest terms of reference specifying the requirements for submission of the project are available on the Contest Website [www.steel2real.ru](http://www.steel2real.ru).

4.4. In order to take part in the Contest, one shall register on the Contest Website and fill in the Application.

4.5. The Application shall be submitted in accordance with the questionnaire posted on the website, which shall include brief information about the Participant. All fields of the Application marked as mandatory shall be filled in.

4.6. Each contestant registered on the Website shall be automatically provided with an individual (unique) Code. The Code shall be specified on all Contest materials submitted by the Participant to the Organiser. No surnames, first names, educational institutions or other identifying information of the Participant shall be indicated on materials.

4.7. Applications and materials/projects submitted in breach of the deadline and format will not be admitted to the Contest. All materials submitted to the Contest will not be returned or commented.

4.8. By taking part in the Contest, the Participants confirm their consent to the Contest rules established hereby, understanding of all terms and conditions of the Contest, as well as agreement that the Organiser is entitled to unilaterally change the Contest rules by publishing a new revision of the Regulation on the Contest Website. The Participant shall not be entitled to demand changing the Contest rules established hereby.

4.9. Submission of the materials/project for the Contest shall mean the consent of the Participant (author) to transfer the rights to reproduce, publicly display and publish these materials/project to the Contest Organiser.

## V. CONTEST PROCEDURE, STAGES AND DEADLINES

5.1. The Contest shall include three stages.

5.1.1. Stage 1.

### **Registration of Participants/execution of projects**

(28 October 2021 — 28 March 2022)

- Registration on the Contest Website
- Execution of projects
- Collection/acceptance of finished projects from the Participants (materials shall be submitted in the format and composition specified in the terms of reference)

5.1.2. Stage 2.

### **Selection of finalists**

(29 March 2022 — 28 April 2022)

- Technical selection of projects by experts of the SCDA (compliance of the Contest project with the requirements of the terms of reference)
- Assessment of projects by the Judges
- Selection of the Contest finalists

5.1.3. Stage 3.

### **Final**

(26 May 2022)

- Presentation of the finalists' projects
- Announcement of the Contest results and Winners
- Awarding the Winners

## VI. ASSESSMENT OF CONTEST ENTRIES AND CONTEST JUDGES

6.1. Stages of the entry assessment:

1. Preliminary assessment for compliance with the rules of project submission and terms of reference.

2. Selection of the Contest finalists.
3. Online presentation of projects in the Contest final.

6.2. The composition of the Judges shall be defined by the Contest Organiser among competent specialists who are experts in the field of architecture and construction.

6.3. The Judges shall assign a final grade to each project. Three (3) Contest projects with the highest grades shall make it to the Contest final.

6.4. When grading the Contest projects, the Judges will be guided by and take into account the assessment criteria specified in the terms of reference and described below. Architectural experts shall assess projects in terms of architecture, and construction and engineering experts — in terms of structural solutions.

In particular:

Item No.	Criteria	Comment	Score
		<b>General requirements for entries (for all Judges)</b>	
1.	Compliance with the terms of reference	Compliance of an entry with the requirements listed in the terms of reference	Yes/no
2.	Compliance of solutions with the Russian regulatory requirements	Compliance of an entry with the Russian regulatory framework, including checking the entry for compliance with the requirements of Regulation 87, an eligibility of the project for passing an expert review	0–10
3.	Degree of detail of the project preparation	Amount of submitted project information in text and graphic parts of an entry, quality of design of the main technical solutions and assemblies, availability of information concerning fire safety and fire resistance of structures	0–10
4.	Graphical presentation of materials	Quality of design of the graphic part of contest project, compliance with the requirements of project presentation standards	0–10
		<b>Architectural solutions (for Judges specialising in architecture)</b>	
5.	Town-planning solutions of the design area general plan	Layout, zoning and landscaping of the area, availability of transport and pedestrian connections	0–10
6.	Architectural expression	Creative distinctiveness and degree of individual skill of an author, composition and artistic unity, integrity of the overall architectural design, creation of a unique architectural image	0–10
7.	Architectural and planning solutions	Proportion relative to the environment, laconism, compositional integrity, spatial logic	0–10
8.	Functionality	Comfortable functional use of the building, ratio of residential areas to common facilities, application of energy efficient solutions and rational use of utilities in the design	0–10
		<b>Structural solutions (for Judges specialising in construction and engineering)</b>	
5.	Expressiveness of steel structures	Use of metal structures as the main tool for implementation of the project architectural concept, consistency of the building's architectural and structural forms, correct connection of the steel frame and the envelope	0–10
6.	Optimality of solutions in terms	Correct division of the frame into installation modules (three-dimensional or flat panel elements), scalability and	0–10

	of structure manufacturing and installation	maximum possible factory readiness emphasising the prefabrication nature of steel structures, physical feasibility of the design in terms of manufacturing and installation under real construction conditions	
7.	Specific amount of metal per frame	Economic expediency and efficiency of proposed solutions, metal consumption in kg/m <sup>2</sup> of the total area	0–10
8.	Validity of the choice of design diagram, correct load summary and determination of displacements and forces	Compliance of the design diagram and load application diagrams with the structural solutions, including assemblies, compliance of the accepted cross-sections with the forces resulting from calculation	0–10
		<b>Project presentation — finalists (for all Judges)</b>	
9.	Graphic design of the presentation	Clarity and artistic quality of the presentation of the Contest project, visual presentation, compliance with image submission requirements	3 points — compliant; 2 points — partially compliant
10.	Speech	Ability to demonstrate the architectural and structural concepts, images of space in a coherent and clear manner, describe functional connections, ability to reasonably justify the expediency of the project, substantiate the accepted structural solutions and components, present the project without reading from a printout, competent and emphatic speech	3 points — compliant; 2 points — partially compliant

6.5. All the Judges meet after grading all the projects to determine the Contest finalists. Decisions of the Judges shall be taken by a simple majority vote in the order determined by the Judges. If there is an even number of members at the meeting, the Chairman shall have two votes when voting. A Judge who disagrees with the decision of the majority shall be marked as voted “against”.

6.6. After holding the online presentation, the Judges shall meet to decide on the distribution of award-winning places. The first place shall be awarded to the project with the highest score, the second and the third places shall be assigned in descending order. If final projects have received the same scores after online presentation, then the Judges shall have an additional discussion to decide on award-winning places. If there is no agreement after the discussion, the final decision shall be made by the Chairman.

6.7. All decisions of the Judges shall be recorded in the minutes to be signed by the Chairman and the Contest Secretary. The scores awarded by the Judges shall not be disclosed or reconsidered, no claims shall be accepted following the Contest results.

## VII. CONTEST PRIZE FUND

7.1. The overall prize fund of the Contest shall be three hundred and seventy-five thousand (375,000) Rubles, of which:

7.1.1. The prize for the first place shall be one hundred and fifty thousand (150,000) Rubles.

The prize for the second place shall be one hundred and twenty-five thousand (125,000) Rubles.

The prize for the third place shall be one hundred thousand (100,000) Rubles.

7.1.2. The prize shall be awarded by transferring the money to a settlement account or bank details submitted by the Participant.

7.1.3. If the Winner of the Contest is a project team, the awards for each category shall be distributed proportionally among the team members.

7.2. When paying out the prize fund, the Contest Organiser or a person authorised by the Organiser shall act as a revenue agent in accordance with the Tax Code of the Russian Federation.

7.3. In addition to the main prizes, special prizes from the Judges and souvenirs from the Contest Organiser and Partner companies shall be provided. The ownership of prizes and souvenirs from the Judges and Partners shall not be transferred to the Organiser.

7.4. The Contest final, presentation of final projects and summing up the Contest results will take place on 26 May 2022 in online format.

7.5. The Contest projects of the Winners may be recommended for:

- participation in federal, regional or other student and youth contests;
- publication in relevant industry printed press and in the mass media;
- travelling exhibitions in Russia and abroad.

7.6. The Contest results shall be communicated to the general public and professional community through the websites of the Contest Organiser, Partner educational institutions, as well as through other media.