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SHORT COMMUNICATION

Standardisation efforts of ISO/TC 261 "additive manufacturing" 20th plenary meeting of ISO/TC 261 "additive manufacturing"

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Abstract
The main objective of ISO/TC 261 is to standardise the processes of additive manufacturing, the process chains (Data, Materials, Processes, Hard- and Software, Applications), test procedures, quality parameters, supply agreements, environment, health and safety, fundamentals and vocabularies. This section provides readers with news regarding standardisation efforts of ISO/TC 261. Further up-to-date information regarding recently published documents, such as new standards and revised standards, the status of standards can be found in the ISO/TC261 webpages: https://www.iso.org/committee/629086.html and the committee webpages: https://committee.iso.org/sites/tc261/home/news.html.

Keywords Standardisation · Standards · Additive manufacturing

International Organisation for Standardisation [1] 20th Plenary Meeting of ISO/TC 261 "Additive Manufacturing" held on 23 September 2022 in Augsburg, Germany.

1 New projects

1. Preliminary work item ISO/ASTM TS PWI 52949 "Additive Manufacturing—Qualification principles—Installation, operation and performance (IQ/OQ/PQ) of PBF-EB equipment", assigned to ISO/TC 261/JG 72.
2. Preliminary work item ISO/ASTM PWI 52956 Additive Manufacturing for Spaceflight—General principles—Requirements for metal laser beam powder bed fusion additive systems", assigned to ISO/TC 261/JG 72.
3. Preliminary work item ISO/ASTM PWI 52957 Additive Manufacturing—Design—Parts using ceramic materials", assigned to ISO/TC 261/JG 82.

2 Liaisons

1. Acknowledging the interest of the members of ISO/TC 261/WG 6 for aspects related to the Life Cycle Assessment of AM products, equipment, operations, product use and end-of-life, decides to establish a liaison to ISO/TC 207/SC 5 "Life Cycle Assessment" to ensure a fruitful exchange of information, to efficiently coordinate the work between ISO/TC 261 and ISO/TC 207/SC 5 to avoid overlaps in the work.

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Declarations

Conflict of interest Not applicable.

Ethics approval Not applicable.

Reference

1. International Organisation for Standardisation (2022) 20th Plenary Meeting of ISO/TC 261 "Additive Manufacturing" held on 23 September 2022. ISO/TC 261 N11256