Metrological Support of the Refueling Complex

L.V. Polyakova[1], Mendeleev University of Chemical Technology of Russia (MUCTR), PhD (Tech.), polyakova1803@mail.ru
A.S. Serebrova[2], MUCTR, serebro-_a@mail.ru
G.A. Osipov[2], MUCTR, georg.osipovv@yandex.ru

[1] Associate Professor, Moscow, Russia
[2] Master Student, Moscow, Russia

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key words

metrological supervision, measuring instruments, refueling complex

We have presented a comprehensive study of the metrological support of a refueling complex, including a detailed analysis of its structural elements and functional components. Special attention is paid to the classification of measuring instruments used in aviation refueling complexes, with a detailed description of their technical characteristics and applications. We have provided detailed definitions of key concepts such as internal metrological supervision and control of metrological characteristics, revealing their essence and practical significance. The paper considers the methodology of maintenance of measuring instruments.
The specific tasks of monitoring the state of the organization's metrological support and control methods that allow timely identification and elimination of nonconformities are disclosed. In conclusion, it is emphasized that metrological supervision is not just an integral part of metrological support, but a key element ensuring the reliability of measurements, the safety of technological processes and the efficiency of the entire refueling complex. The practical significance of the work lies in the possibility of using the presented materials to optimize metrological activities at aviation industry enterprises and increase their overall efficiency.

References

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