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| ASHRAE Technical FAQ |
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| ID  | 39 |
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| Question  | What is ASHRAE's standard for aircraft air quality? |
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| LongAnswer  | ASHRAE publishes [Standard 161-2018](https://www.techstreet.com/ashrae/standards/ashrae-161-2018?product_id=2001169), Air Quality in Commercial Aircraft. Currently, cabin air quality is regulated through Federal Aviation regulations for aircraft registered in the United States.ASHRAE also publishes [Guideline 28-2016](https://www.techstreet.com/ashrae/standards/guideline-28-2016-air-quality-within-commercial-aircraft?product_id=1910326), Air Quality within Commercial Aircraft, which serves as a companion to Standard 161. It includes additional research and supporting information for guidance in assessing and assuring good air quality within the aircraft cabin.The [2023 ASHRAE Handbook – HVAC Applications](https://www.techstreet.com/ashrae/standards/2023-ashrae-handbook-hvac-applications-i-p?product_id=2225673), [Chapter A13](https://www.techstreet.com/ashrae/standards/a13-aircraft-i-p?product_id=2573478) - Aircraft, provides information on the environmental control system (ECS) used in aircraft.The handbooks and the other publications may be purchased and/or individual chapters of the handbook may be purchased and downloaded on-line at our website, [www.ashrae.org](http://www.ashrae.org) or by calling 1-800-527-4723 in the USA and Canada or 1-404-636-8400 worldwide.FAA - Federal Aviation Administration, ([www.faa.gov](http://www.faa.gov)) |
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| ASHRAE Pubs  | [2023 ASHRAE Handbook – HVAC Applications](https://www.techstreet.com/ashrae/standards/2023-ashrae-handbook-hvac-applications-i-p?product_id=2225673), [Chapter A13](https://www.techstreet.com/ashrae/standards/a13-aircraft-i-p?product_id=2573478)[Guideline 28-2016](https://www.techstreet.com/ashrae/standards/guideline-28-2016-air-quality-within-commercial-aircraft?product_id=1910326), Air Quality in Commercial Aircraft, plus [ASHRAE BOD approved addenda](http://www.ashrae.org/standards-research--technology/standards-addenda). [Standard 161-2018](https://www.techstreet.com/ashrae/standards/ashrae-161-2018?product_id=2001169), Air Quality in Commercial Aircraft, plus [ASHRAE BOD approved addenda](http://www.ashrae.org/standards-research--technology/standards-addenda). |
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| Topic References  |  |
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|  | Cognizant ASHRAE Committees | Refer to Organization |
| 1 | [TC 9.3](http://tc0903.ashraetcs.org/) | [FAA](http://www.faa.gov) |
| 2 | SPC 161 |  |
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