

C-AHI

China-Automobile Health Index

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Clean Air Index Overall Evaluation Protocol

(Version 2023)

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Clean Air Index - Overall Evaluation Protocol

1 Scope

This document specifies the overall evaluation method of China-Automobile Health Index - Clean Air Index.

2 Normative References

The following normative documents contain provisions which, through reference in this text, constitute indispensable provisions of this document. For dated references, only the dated edition applies to this document. For undated references, the latest edition (including all amendments) applies to this document.

CAHI-SM-CAI.VAQ-A0-2023 Clean Air Index - Vehicle Air Quality Testing and Evaluation Protocol

CAHI-SM-CAI.VPM-A0-2023 Clean Air Index - Vehicle Particulate Matter Testing and Evaluation Protocol

3 Evaluation Method

The score S of clean air index is calculated according to the weights of 60% for vehicle interior VOC and odor and 40% for vehicle particulate matter. The Clean Air Index - Overall Evaluation is presented by stars: 1-star for evaluated vehicle type scoring $[60, 70)$ points,

2-star for one scoring $[70, 80)$ points, 3-star for one scoring $[80, 85)$ points, 4-star for one scoring $[85, 90)$ points, and 5-star for one scoring $[90, 100]$ points. The evaluation method is detailed in Table 1.

If scoring $[95, 100]$ points, the evaluated vehicle type will be rated at 5-star +.

Table 1 Clean Air Index - Overall Evaluation

Rating	Score Range	Rating Sign
1-star	$60 \leq S < 70$	★
2-star	$70 \leq S < 80$	★★
3-star	$80 \leq S < 85$	★★★
4-star	$85 \leq S < 90$	★★★★
5-star	$90 \leq S \leq 100$	★★★★★