

**BUREAU OF INDIAN STANDARDS****DRAFT FOR COMMENTS ONLY***(Not to be reproduced without permission of BIS or used as an amendment to Indian Standard)***AMENDMENT NO. 5 MARCH 2024****TO****IS 2796 : 2017 MOTOR GASOLINE — SPECIFICATION***(Sixth Revision)**(Page 1, clause 1.1) — Substitute the following for the existing:*

‘This standard prescribes the requirements and methods of sampling and test methods for Motor Gasoline (earlier also known as Motor Spirit) without or with 5 percent ethanol, and 10 percent ethanol blended Motor Gasoline (E10), suitable for use as a fuel in the automobile spark-ignition internal combustion engines of vehicles complying with BS VI emission norms’.

*(Page 2, clause 3) — Substitute the following for the existing:***‘3 GRADES**

There shall be the following motor gasoline grades:

*(Page 2, clause 3.1) — Substitute the following for the existing:***‘3.1 Motor Gasoline (without or with 5 percent Ethanol Blended Motor Gasoline)**

- a) BS VI (RON 91), and
- b) BS VI (RON 95).’

*(Page 2, clause 3.2) — Substitute the following for the existing:***‘3.2 10 percent Ethanol Blended Motor Gasoline (EBMG)**

- a) 10 percent EBMG BS VI (RON 95)

NOTE - Premium fuel may be marketed as long as they meet the requirements of one of the grades specified in 3.1 and 3.2.

*[Page 3, clause 5.2.2.1, sl no. (a)] — Substitute the following for the existing:*

‘a) Normal motor gasoline (without or with 5 percent ethanol blended motor gasoline):’

<i>Grade</i>	<i>To be labeled as</i>
BS VI (RON 91)	BS VI (MG 91)
BS VI (RON 95)	BS VI (MG 95)

*[Page 3, clause 5.2.2.1, sl no. (b)] — Substitute the following for the existing:*

‘b) 10 percent ethanol blended motor gasoline (E10):’

<i>Grade</i>	<i>To be labeled as</i>
10 percent EBMG BS VI (RON 95)	BS VI MG 95 (E10)

(Page 3, *clause 7.2*) – Insert the following new clause *after 7.2* and renumber the subsequent clauses.

‘7.3 For E10, in cases where ethanol is blended at marketing location, the base gasoline without ethanol having RON 91.5, certified by refinery as conforming to IS 2796 : 2017, to be used and 9 percent v/v – 11percent v/v ethanol to be blended at marketing location. The ethanol blending percentage to be certified by marketing location in-charge / QC in-charge. In cases where ethanol is blended directly at refinery, the refinery shall issue a Quality Certificate certifying that the batch of E5/E10 fuel complies with all of the requirements of this standard. For E5 also, ethanol blending may be done at marketing terminal, in which case, the ethanol blending percentage to be certified by marketing location in-charge / QC in-charge.’

(Page 4, *Table 1, Title*) — Substitute the following *for* the existing:

**‘Table 1 Requirement for Motor Gasoline BS – VI Grades**

*(Clauses 4.1.4, 4.2.2 and 4.4)’*

(Page 4, *Table 1*) – Delete column 3

[Page 4, *Table 1, SI No. v*), *col 2* and *col 4*] — Substitute the following *for* the existing:

‘(v) Research Octane Number (RON), *Min*:

a) Motor Gasoline (without or with 5 percent Ethanol) MG 91	91
b) Motor Gasoline (with or without 5 percent Ethanol) MG 95	95
c) E10 MG 95	95

[Page 4, *Table 1, SI No. vi*), *col 2* and *col 4*] — Substitute the following *for* the existing:

‘(vi) Motor Octane Number (MON), *Min*:

a) Motor Gasoline (without or with 5 percent Ethanol) MG 91	81
b) Motor Gasoline (with or without 5 percent Ethanol) MG 95	85
c) E10 MG 95	To Report

**(PCD 03)**