

# DIN ISO 91:2019-12 (E)

Petroleum and related products - Temperature and pressure volume correction factors (petroleum measurement tables) and standard reference conditions (ISO 91:2017)

---

| <b>Contents</b>                                                                                                                                | <b>Page</b> |
|------------------------------------------------------------------------------------------------------------------------------------------------|-------------|
| <b>National foreword</b> .....                                                                                                                 | <b>3</b>    |
| <b>National Annex NA (informative) Bibliography</b> .....                                                                                      | <b>4</b>    |
| <b>Foreword</b> .....                                                                                                                          | <b>5</b>    |
| <b>Introduction</b> .....                                                                                                                      | <b>6</b>    |
| <b>1 Scope</b> .....                                                                                                                           | <b>8</b>    |
| <b>2 Normative references</b> .....                                                                                                            | <b>9</b>    |
| <b>3 Terms and definitions</b> .....                                                                                                           | <b>9</b>    |
| <b>4 Sources and usage guidelines for volume correction factors</b> .....                                                                      | <b>9</b>    |
| 4.1 Source of volume correction factors.....                                                                                                   | 9           |
| 4.2 Usage guidelines.....                                                                                                                      | 10          |
| <b>Annex A (informative) Changes to previous standards</b> .....                                                                               | <b>12</b>   |
| <b>Annex B (normative) Standard reference conditions</b> .....                                                                                 | <b>14</b>   |
| <b>Annex C (informative) Titles of petroleum measurement tables given in the API-ASTM-IP-GPA standards for volume correction factors</b> ..... | <b>15</b>   |
| <b>Annex D (informative) Other volume corrections factors standards</b> .....                                                                  | <b>21</b>   |
| <b>Bibliography</b> .....                                                                                                                      | <b>22</b>   |