

# DIN EN ISO 17201-2:2026-04 (E)

## Acoustics - Noise from shooting ranges - Part 2: Calculation of muzzle blast (ISO 17201-2:2025)

---

<b>Contents</b>	<b>Page</b>
<b>Foreword</b> .....	<b>iv</b>
<b>Introduction</b> .....	<b>v</b>
<b>1 Scope</b> .....	<b>1</b>
<b>2 Normative references</b> .....	<b>1</b>
<b>3 Terms and definitions</b> .....	<b>1</b>
3.1 General.....	1
3.2 Directivity.....	3
3.3 Energy.....	3
3.4 Fraction.....	4
3.5 Projectile.....	5
<b>4 Estimation model for source data of the muzzle blast</b> .....	<b>5</b>
4.1 General.....	5
4.2 Estimation of chemical energy.....	5
4.3 Estimation of acoustic energy.....	6
4.4 Estimation of the Weber energy.....	6
4.5 Estimation of directivity.....	6
4.6 Estimation of the spectrum.....	6
<b>5 Uncertainty of estimation</b> .....	<b>7</b>
<b>6 Report</b> .....	<b>8</b>
<b>Annex A (informative) Simple blast model for estimation of sound energy and its spectrum</b> .....	<b>9</b>
<b>Annex B (informative) Quality of input data</b> .....	<b>11</b>
<b>Annex C (informative) Comparison between measurements and prediction of muzzle blast</b> .....	<b>14</b>
<b>Bibliography</b> .....	<b>21</b>