

Annex no.2

| Electrode reaction | E^{\ominus}/V |
|---|-----------------|
| $F_2 + 2e^- \rightleftharpoons 2F^-$ | +2.87 |
| $S_2O_8^{2-} + 2e^- \rightleftharpoons 2SO_4^{2-}$ | +2.01 |
| $H_2O_2 + 2H^+ + 2e^- \rightleftharpoons 2H_2O$ | +1.77 |
| $MnO_4^- + 8H^+ + 5e^- \rightleftharpoons Mn^{2+} + 4H_2O$ | +1.52 |
| $PbO_2 + 4H^+ + 2e^- \rightleftharpoons Pb^{2+} + 2H_2O$ | +1.47 |
| $Cl_2 + 2e^- \rightleftharpoons 2Cl^-$ | +1.36 |
| $Cr_2O_7^{2-} + 14H^+ + 6e^- \rightleftharpoons 2Cr^{3+} + 7H_2O$ | +1.33 |
| $O_2 + 4H^+ + 4e^- \rightleftharpoons 2H_2O$ | +1.23 |
| $Br_2 + 2e^- \rightleftharpoons 2Br^-$ | +1.07 |
| $ClO^- + H_2O + 2e^- \rightleftharpoons Cl^- + 2OH^-$ | +0.89 |
| $NO_3^- + 10H^+ + 8e^- \rightleftharpoons NH_4^+ + 3H_2O$ | +0.87 |
| $NO_3^- + 2H^+ + e^- \rightleftharpoons NO_2 + H_2O$ | +0.81 |
| $Ag^+ + e^- \rightleftharpoons Ag$ | +0.80 |
| $Fe^{3+} + e^- \rightleftharpoons Fe^{2+}$ | +0.77 |
| $I_2 + 2e^- \rightleftharpoons 2I^-$ | +0.54 |
| $O_2 + 2H_2O + 4e^- \rightleftharpoons 4OH^-$ | +0.40 |
| $Cu^{2+} + 2e^- \rightleftharpoons Cu$ | +0.34 |
| $SO_4^{2-} + 4H^+ + 2e^- \rightleftharpoons SO_2 + 2H_2O$ | +0.17 |
| $Sn^{4+} + 2e^- \rightleftharpoons Sn^{2+}$ | +0.15 |
| $S_4O_6^{2-} + 2e^- \rightleftharpoons 2S_2O_3^{2-}$ | +0.09 |
| $2H^+ + 2e^- \rightleftharpoons H_2$ | 0.00 |
| $Pb^{2+} + 2e^- \rightleftharpoons Pb$ | -0.13 |
| $Sn^{2+} + 2e^- \rightleftharpoons Sn$ | -0.14 |
| $Fe^{2+} + 2e^- \rightleftharpoons Fe$ | -0.44 |
| $Zn^{2+} + 2e^- \rightleftharpoons Zn$ | -0.76 |
| $2H_2O + 2e^- \rightleftharpoons H_2 + 2OH^-$ | -0.83 |
| $V^{2+} + 2e^- \rightleftharpoons V$ | -1.20 |
| $Mg^{2+} + 2e^- \rightleftharpoons Mg$ | -2.38 |
| $Ca^{2+} + 2e^- \rightleftharpoons Ca$ | -2.87 |
| $K^+ + e^- \rightleftharpoons K$ | -2.92 |