Sulfur Cycle: DeMMO5_46

$H_2S \ (-2)$

$S \ (0)$

Step1: Sulfide oxidation

Step2: Sulfur reduction

Step6: Sulfite reduction

Step8: Thiosulfate disproportionation 1

$SO_3^{2-} \ (+4)$

$S_2O_3^{2-} \ (+2)$

Step3: Sulfur oxidatic

Step9: Thiosulfate disproportionation 2

$SO_3^{2-} \ (+4)$

Step7: Thiosulfate oxidation

Step5: Sulfate reduction

Step4: Sulfite oxidation

$SO_4^{2-} \ (+6)$