

**Supplementary Table S7. Description of the groups of corrosion-influencing microorganisms.**

	Reference	Sample	*Description of MIC microbial groups
13	Salgar-Chaparro et al. (2020a)	PW.MIC	sulphate-reducing bacteria (SRB), thiosulphate-reducing bacteria (TRB), methanogenic archaea (MET), acid-producing bacteria (APB), iron-reducing bacteria (IRB), iron-oxidising bacteria (IOB), and general anaerobic bacteria (GANB)
14	Salgar-Chaparro et al. (2020b)	PW.MIC	sulphate-reducing bacteria (SRB), thiosulphate-reducing bacteria (TRB), methanogenic archaea, acid-producing bacteria (APB), iron-reducing bacteria (IRB), and iron-oxidising bacteria (IOB)
17	Albahri et al. (2021)	PW.MIC	methanogenic archaea, fermenting and sulphidogenic microorganisms

corrosion-influencing microorganisms (CIM)

\* Description of the microbial groups was copied from the methodology section of the articles.