

DIN EN 16922:2019-09 (E)

Railway applications - Ground based services - Vehicle waste water discharge equipment (includes Amendment :2019)

Contents		Page
European foreword		3
1	Scope	4
2	Normative references	4
3	Terms and definitions	4
4	General	5
4.1	Description of vacuum	5
4.2	Description of controlled emission toilet systems	5
5	Requirements	5
5.1	General requirements	5
5.2	Vehicle requirements	6
5.2.1	Connections	6
5.2.2	System design	10
5.2.3	Temperature of operation	10
5.2.4	Pipework	11
5.2.5	Retention tank	12
5.2.6	Venting system	14
5.2.7	Sink waste	14
5.2.8	Test for leakage	14
5.3	Infrastructure requirements	14
5.3.1	General	14
5.3.2	System design	14
5.3.3	Connection	15
5.3.4	Flushing	15
5.3.5	Breakaway coupling	15
5.3.6	Pipework	15
5.3.7	Chemical storage	15
5.4	Information and instruction	15
5.4.1	For railway vehicles	15
5.4.2	For fixed installations (this includes mobile ground based installations)	16
Annex A (informative) Generic types of toilet retention systems		17
Annex ZA (informative) Relationship between this European Standard and the Essential Requirements of EU Directive 2008/57/EC aimed to be covered		22
Bibliography		24