

Contents

	Page
Foreword.....	3
Introduction	4
1 Scope	5
2 Normative references	5
3 Terms and definitions.....	5
4 Materials design and requirements	6
4.1 Dosage of hydrated aluminium oxide.....	6
4.2 Direct current generator.....	6
4.3 Water meter	7
4.4 Anodes	7
4.5 Conditioning tank	7
5 Performance requirements	8
5.1 DC generator	8
5.2 Terminals	8
6 Performance testing	8
6.1 Test bench	8
6.2 Switchboard test	9
6.3 DC generator test - procedures.....	9
6.4 Terminals	10
7 Technical documents and labelling	11
7.1 Rating plate on the DC generator.....	11
7.2 Owners booklet	11
7.3 Anodes	11
7.4 Label.....	11
Annex A (informative).....	12
A.1 Operating conditions	12
A.2 Example of use.....	12
A.3 Aluminium composition	13
A.4 Water analysis	14
A.5 Electrolytic dissolution of aluminium.....	14
A.6 Maintenance	14
A.7 Operating and commissioning	15
Bibliography	16