# DIN EN 17824:2023-04 (E)

## Railway applications - Ground based services - Exhaust treatment fluid (AUS 32) refilling equipment

## Contents

Page


European foreword ..... 3

Introduction ..... 4

1 Scope ..... 5

2 Normative references ..... 5

3 Terms and definitions ..... 5

4 Requirements ..... 6
4.1 System requirement ..... 6
4.2 On vehicles ..... 6
4.2.1 On board AUS 32 system ..... 6
4.2.2 Mechanical coupling for AUS 32 fluid supply ..... 6
4.2.3 Electrical connector for AUS 32 supply control circuit ..... 7
4.2.4 On board AUS 32 storage tank ..... 7
4.3 On railway infrastructure ..... 8
4.3.1 General ..... 8
4.3.2 System design ..... 8
4.3.3 Ground based supply hose to vehicle ..... 9
4.3.4 Breakaway coupling ..... 9
4.3.5 Electrical connection ..... 9
4.3.6 Pumping requirement ..... 9
4.3.7 Storage tanks ..... 11
4.3.8 Supply to depot ..... 11
4.4 Simple manual top up ..... 11
4.4.1 For railway vehicles ..... 11
4.4.2 For fixed installations ..... 11
4.5 Provision of information and instructions ..... 12
4.5.1 For railway vehicles ..... 12
4.5.2 For fixed installations ..... 12

Annex A (normative) Electrical connection ..... 13