DIN EN 15020:2011-01 (E)

Railway applications - Rescue coupler - Performance requirements, specific interface geometry and test methods (includes Amend ment A1:2010)

Contents

Page

Foreword 3

1 Scope 4

2 Normative references 4

3 Terms and definitions 4

4 Product requirements 5

5 Test requirements 8

Annex A (informative) Automatic coupler 10

Annex B (normative) Rescue coupler 14

Annex C (informative) Characteristics of the rescue vehicle 18

Annex D (informative) Air pipe coupling heads 21

Annex ZA (informative) A1 Relationship between this European Standard and the Essential Requirements of EU Directive 2008/57/EC of the European Parliament and of the Council of 17 June 2008 on the interoperability of the rail system within the Community (Recast) A1 24

Bibliography 26

Figure 1 — Pneumatic connection between the rescue vehicle and the rescue coupler 7

Figure A.1 — Automatic coupler (front view) 10

Figure A.2 — Automatic coupler (top view) 11

Figure A.3 — Automatic coupler (lateral view) 12

Figure A.4 — Automatic coupler (isometric view) 13

Figure B.1 — Rescue coupler (lateral view) 14

Figure B.2 — Rescue coupler (top view) 15

Figure B.3 — Rescue coupler (front view) 16

Figure B.4 — Rescue coupler (isometric view) 17

Figure C.1 — Draw hook 18

Figure C.2 — Available space for locomotives with foot-step 19

Figure C.3 — Connection for air pipes (see UIC 648:2001, Annex A) 20

Figure D.1 — Coupling head for brake pipe 21

Figure D.2 — Washer 22

Figure D.3 — Washer with bevelled edge 22

Figure D.4 — Coupling head for main reservoir pipe 23