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APTU Uniform Rules (Appendix F to COTIF 1999)

Uniform Technical Prescriptions (UTP) relating to the Subsystem Rolling Stock

FREIGHT WAGONS - ANNEX VV

COMPOSITE BRAKE BLOCKS

Explanatory note:

The texts of this UTP which appear without columns are identical with corresponding texts of the European Union regulations. Texts which appear in two columns differ; left-hand column contains the UTP regulations, right-hand column shows the text in the corresponding EU regulations. The text in the right hand column is for information only and not part of the OTIF regulations.

OTIF UTP

Corresponding text in EU regulations ¹

EU ref. ²

LIST OF FULLY APPROVED **K** COMPOSITE BRAKE BLOCKS

This table specifies those composite brake blocks which are fully approved to be used in wagons compliant to the UTP WAG.

(This Annex is not part of the TSI WAG)

This table is identical with the Technical Document TD2, version 5 from the European Railway Agency (ERA) as published on the ERA website on 09.08.2011.

For wagons subject to section 7.6.4 of the UTP/TSI WAG, this specification is mandatory if the 1.7 wagon is equipped with composite brake blocks.

Producer	Type (organic/ sintered)	Nominal wheel diameter	Maximum axle load	Approved configurations	Approval period	
		(mm)	(ton)		from	until
CoFren	C810 (organic) former Cosid 810	920	22.5	2xBg, 2xBgu	15.10.2003	14.10.2013
				1xBgu ^{a)}	31.03.2011	28.02.2021
CoFren	C333 (organic)	920	22.5	1x Bgu	08.07.2011	30.06.2021
Honeywell	J816M (organic) former Jurid 816 M	920	22.5	2xBg, 2xBgu	01.07.2005	31.01.2015
CoFren	C810 (organic) former Cosid 810	840	17.5	2xBg ^{b)} Max. speed empty 120 km/h Max. speed laden 100 km/h Individual block force between 5.5 and 14.5 kN Axle load between 7.5 and 17.5 t	08.08.2011	31.07.2021
Honeywell	J816M (organic) former Jurid 816 M	840	17.5	2xBg ^{b)} Max. speed empty 120 km/h Max. speed laden 100 km/h Individual block force between 5.5 and 14.5 kN Axle load between 7.5 and 17.5 t	08.08.2011	31.07.2021

a) Approval for S-braked wagons

b) Approval for S-braked wagons Laaers type

¹ European Railway Agency, Technical Document (TD2), version 5, published on 09.08.2011 at ERA website.

² If no EU reference is indicated, it means that the chapter/section number is the same as in the OTIF text.