

## 瑞铁股份孟加拉行李车项目 FBO 制动管接头使用情况

瑞铁股份在 2020 年承接了孟加拉国铁道部两种轨距共计 125 辆铁路行李车项目,该项目空 气制动管路连接中采用了 FBO 品牌-Vebeo 管接头,接头形式有直通、三通、弯头,变径等接头 类型:

2022 年底 FBO 品牌-Vebeo 管接头开始在米轨行李车样车中装车,于 2023 年 4 月完成样车 制动试验,通过克诺尔的制动泄露试验,空气制动系统管路连接中采用的各类型 FBO 品牌-Vebco 管接头满足克诺尔的制动试验要求:

特此说明!

随附克诺尔关于制动泄露的试验报告

综上所述, 瑞铁对 FBO 品牌-Vebeo 接头的稳定性和安全性表示认可。

江苏瑞铁轨道装备股份有限公司。品质保障中心

Jiangsu Railteco Equipment Co., Ltd, QC Dept

2023年5月23日

23th, May, 2023













Translation from Chinese Language into English language:

Usage Clarification for FBO – Vebeo Fittings applied on

Bangladesh Luggage Car Project by Railteco.

In 2020, Railteco undertook the project of 125 railway luggage cars with two

kinds of gauge of Bangladesh Railway. In this project, the air brake pipeline

connection adopts FBO brand -Vebeo pipe joint. The joint forms include

straight, tee, elbow, variable diameter and other joint types.

By the end of 2022, the FBO-Vebeo tube joints began to be installed in the

sample car of the meter rail luggage car, and the brake tests of the sample car

was completed in April 2023. Through the brake leakage test of Knorr, all types

of FBO-Vebeo tube joints used in the pipeline connection of the air brake

system met the brake test requirements of Knorr.

Hereby state!

Knorr's test report on brake leakage is attached.

To sum up, Railteco recognizes the stability and safety of the FBO brand -Vebeo

connector.

Jiangsu Railteco Equipment Co., Ltd, QC Dept

23th, May, 2023



## (W) KNORR-BREMSE

Test Specification / Test Photocol (static) Doc. No.: TA49000719 Railteco 75 MG Luggage Van Freight wagen / all other van

Version: 02.00-en

No. Funct	Function tests and measurements  akage	Pos.	Mounting point/ Test point	Unit	Set value	Actual value
14.2 Le	akage					
14.2.1	- Set change over device ON-OFF to position OFF - Install a test fitting and a pressure gauge at one BP brake coupling - Feed-in a BP pressure of 5.0 *00 bar by using a brake test equipment via a brake coupling and a open BP angle cock	B01.01		bar	BP= 5,0±0.05	5.04
	angle cock  All Measure the BP pressure at the brake coupling			bar	ΔBP ≤ 0,2	0.03
14.2.2	<ul> <li>Set change over device ON-OFF to position ON</li> <li>Deactivate the BP feed-in and close the angle cock</li> <li>Emergency application, wait 1 minute</li> </ul>	B01.01	B03.01	bar	23423	4.25
	⇒ Measure MR pressure at the MR reservoir ⇒ Measure MR decrease after 5 minutes			bar	ΔMR ≤ 0,15	0.027

## 15 Distributer valve KE

Hint: For the commissioning of the distributor valve KE and the appendant components it is required to use a test-equipment (e.g. PDR4 or PDR5) to pibt the BP pressure and to feed-in of the load pressure. This test equipment must lower the BP pressure within 3 sec. from 5,0 so bar to 3,2 bar, as well as provide a regulated BP pressure of 3,0 to 5,2 bar.

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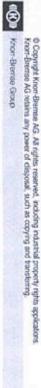


## (W) KNORR-BREMSE

Railteco 75 MG Luggage Van Freight wagen / all other van
Tost Specification / Test Protocol (static) Doc. No.-TA49000719

Version: 02.00-en

14.1.2 S	2020:	14.1.1	14.1 Fill up time	14 Fill up	13.3.1	No. F
Set change over device ON-OFF to position ON  Measure the fill up time of the MR reservoir from 0 bar to 4,8bar	- Set change over device ON-OFF to position OFF - Open only one BP angle cock  - Feed-in a BP pressure of 5,0*02 bar by using a brake test equipment via a brake coupling and a open BP angle cock - Measure the MR pressure (Therefore install a test fitting in the MR reservoir)	- Close all BP angle cocks	time	14 Fill up time and leakage	Check the change over device to position P  ⇒ Handle of change over device has to snap in at P	Function tests and measurements
B01.01	B11 B15	B11			B01	Pos.
B03.01	B03.01				801	Mounting point/ Test point
min	bar	bar				Unit
	MR ≤ 0,05	BP = 5,0 +0.2			סי	Set value
6'34"	0	5.00			ס	Actual value
è	ę	OK.			ę	Test



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