

CERTIFICATE OF DESIGN CONFORMANCE FOR DIRECT REPLACEMENT RAIL VEHICLE COMPONENT

This certificate formally records that the design of the following vehicle component(s) has been scrutinised in comparison with the identified component as a direct replacement and conforms with the appropriate Mandatory Requirements as set out in Railway Group Standards.

NAME OF CERTIFICATION BODY

ACCREDITATION CODE

Atkins Rail

NS

Component/Material Identification

ACM - LNF Friction Material (see list on pages 3 and 4)

Component/Material Manufacturer

ACM Bearings Ltd

Component for which it is a Direct Replacement


Railko NF Friction Material (see list on pages 3 and 4)


Vehicle Type & Class(es) for which approved

see list on pages 3 and 4

Issue Date 13/11/09

See overleaf for Mandatory Requirements against which compliance has been confirmed

Authorised By : 
Name : K. Dunn

Countersigned By : 
Name : D Simpson



This certificate is in accordance with 03/164/NC.

The above identified component has been demonstrated to meet all the requirements as a direct replacement component for use on the identified vehicles and is equivalent in performance to the component it is an alternative for.

The method of its installation is the same and the maintenance requirements are identical to those for the component it may be used instead of and has **no impact on the current Certificate of Engineering Acceptance for the vehicles indicated.**

This Certificate of Design Conformance for Direct Replacement Component indicated overleaf has been issued on the basis of confirmation of conformance with the Mandatory Requirements.

Component/Material Manufacturer:	ACM Bearings Ltd
Full Component/Material Identification:	ACM - LNF Gangway faceplate, tread plates, support pads and door guides (see list on pages 3 and 4)
Component/Material version identifications:	Not Applicable
Software Version identification (where applicable):	Not Applicable
Component for which it is a Direct Replacement:	Railko NF Friction Material (see list on pages 3 and 4)

**Mandatory Requirements (Railway Group Standard No., issue and date)
against which conformance has been confirmed
(including effect on other existing certification)**

GM/RT2130, Issue 2 August 2009, SGD/ENV/1 and CP/DDE/101
GM/RT2457, Issue 1 April 2000

Replacement Component List

BR Cat Number	BR Cat No's for gangway liners.	JN Ref No.	Vehicles Supplied Are
	Drawing Number		Class 156, 317, 155 and 153
063-000549	B1-AO90015147/09	JN3255	Class 150/0
063-000551	B1-AO 90015147/11	JN3258	
063-000555	B1-AO 9015698	JN3259	
063-000599	B1-AO 9015697/10	JN3214	
063-000602	B1-A1-9015893/2	JN3260	
063-005288	C-S-12290/2	JN3226	
063-005289	C-S-12290/3	JN3229	
063-005290	C-S-12290/4	JN18878	
080/002326	W11866	JN10230	
097/006376	B1-A1-9001534/1	14440	
097-000295	B1-A1-9012833/01	17103	
097-000296	B1-A1-9012833/03	14041	
097-000297	B1-A1-9012833-02	16687	
097-0057-64	B1-A2-9013794/02	16216	
097-006324	B1-S-9001288/07	17230	
097-006371	B1-A1-9001533/02	16603	
097-006372	B1-A1-9001533/03	13420	
097-006373	C-S-19679 /02	12989	
097-006374	C-S-19679 /05	16604	
097-006375	C-S-19679/013	13869	
097-006378	B1-A1 9001534/03	15923	
097-006379	B1-A1 9001534/04	12988	
097-006380	B1-A1-9001534/05	10755	
097-006381	B1-A1-9001387/04	10781	
097-006382	C-A0-20397/02	17138	
097-006383	C-A0-20397/03	17139	
097-006384	B1-A1-9001533/01	17129	
097-006420	5100116	17210	
097-006426	B1-S-9001288/09	17229	
097-006427	B1-S-9001288/08	15150	
097-006625	B1-S-9007142	14678	
097-006628	C-A0-2059	14679	
097-006905	B1-A0-9000321/2	10756	
097-006906	B1-A0-9000321/3	10757	
097-006907	B1-A0-9000321/4	14237	
097-006908	B1-A0-9000321/6	10758	
097-006909	B1-A0-9000321/7	10759	
097-006910	B1-A0-9000321/1	10761	
097-006911	B1-A0-9000321/5	10761	
097-006912	B1-A0-9000321/8	10762	
097-007161			
097-008569	0220781/02		
111/ 100463	Gangway liner kit for Mk 3		MK 3 coaches
18/007426	"		
18/007432	"		
839/419907	"		
839/423701	"		
8393731	BRE-Co 8393731		442 vehicles
8292824	8292824 01 & 02		additional for 155 and 153
8292823	8292823-04-05-06		
8292060	8292060/01/02 RR-C-9039554 Items F & G		Class 150

Authorised By : K. Dunn
Name : K. Dunn

Countersigned By : D. Simpson
Name : D Simpson



BR Cat Number	BR Cat No's for gangway liners.		Vehicles Supplied Are
15/002971	5100063/3		LEADING END Gangways are as 156 But for 158 different BR cat nos. Class 158-159
15/002972	5100069/04		
15/002964	5100069/01		
15/002965	5100069/2		
15/002966	5100069/8		
15/002967	5100069/07		
15/002968	5100069/05		
15/002971	5100069/03		
15/002972	5100069/04		
15/003015	5100067/02		
15/003016	5100067/03		
15/003017	5100067/04		
15/003018	5100067/01		
15/003019	5100069/08		
15/003020	5100069/09		
15/003018	5100067/01		
			Class 165/0 and 01
1115175	drawing 1115175 01-02-03-04		4 items under one BR cat number
1116303	treadplate 01 1116303/01		
0015/002972	Railko Items supplied to Railpart.		
0015/003020			
0018/002746			
0018/024967			
0018/027280			
0018/027288			
0018/046237			
0018/070390			
0018/070392			
0018/082806			
0019/001970			
0025/000224			
0061/002135			
0063/000551			
0064/004800			
0064/070485			
0064/070486			
0074/000743			
0083/002020			
0090/008018			
0097/006373			
0097/006374			
0097/006379			
0097/006382			
0097/006383			
0097/006906			
0097/003408			
0097/008526			
0839/085709			
097/000295	Treadplate wear pads complete treadplate complete treadplate complete treadplate		
097/08435			
097/000296			
15/009720/0	15/009720/0 and /01	Jn10770	Class 156
15/009720/01			
097/006625	B-S-9007142 Door Guide		