



सत्यमेव जयते

भारत सरकार - रेल मंत्रालय
अनुसंधान अभिकल्प और मानक संगठन
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Government of India - Ministry of Railways
Research, Designs & Standards Organization,
LUCKNOW - 226011



Date: 29.11.2018

No. EL/3.1.35/12 (SB)

M/s BHC Gummi Metal GmbH,
Buschstrasse 8, D-53340,
Meckenheim, Germany
(Through Indian Representative)
M/s S. K. Sales Corporation,
30-Strand Road, 1st floor Kolkata - 700001, 247,
Dum Dum Park, 2nd Floor, near 2 no. tank, Kolkata - 7000 055.

Sub: Minutes of the meeting regarding issues of Spheriblock used in three phase Electric Locomotives.

Enclosed please find Minutes of the meeting held at RDSO on 27.11.2018 regarding issues of spheriblock used in three phase Electric Locomotives.

This is for your kind information and necessary action please.


(Pratibha Gupta)
for Director General/ Electrical

Encl: Copy of minutes of meeting

Minutes of the meeting held at RDSO on 27.11.2018 regarding issues of Spheriblock used in three phase Electric Locomotives

Present:

RDSO (S/Shri)	M/s BHC, Germany (S K Sales, Kolkata), (S/Shri)
O. P. Kesari, PEDSE	Matthias Rupf, MD/CEO of M/s BHC, Germany
Pratibha Gupta, JDSE/Mech.	Ulrich Lantermann, Technical sales, Divisional Manager Railway of M/s BHC, Germany
U. B. Yadav, SSE/D/Elect.	M. H. Abuzar, Sr. Partner M/s S K Sales (Indian agent of M/s BHC, Germany)
	Imran, Sr. partner M/s S K Sales (Indian agent of M/s BHC, Germany)

A meeting was held at RDSO on 27.11.2018 with representatives of M/s BHC to discuss on investigation report of their visit to ELS/LGD. During the meeting following points were discussed:

1. Firm informed that spheriblocks on both side of rods were not properly aligned, as facility of aligning the blocs of the both side is not available in the jigs. Firm was advised to make a drawing of proper fixture/Zig for assembly of spheriblocks and submit to RDSO so that the same can be circulated to Railways.
2. Firm stated that they had taken two spheriblocks with 2 years of service which had crack of 180° and 3mm depth from ELS/LGD for testing purpose to evaluate feasibility of its reuse and residual life left.
3. Firm expressed willingness to improve the design of spheriblocks to prolong the service life. In this regard it was suggested that firm may improve design of spheriblock subject to its compliances to specification and drawings, for better robustness. As asked by the firm, ABB drawing of all three types of spheriblocks was given to the Firm for needful.
4. It was noticed that earlier BHC make spheriblocks have worked for even up to 6 years, but in recent past there were many cases of failure within 2 years of service. Firm was advised to have a quality check on their products so that it can give at least 4 to 5 years of service life.
5. Firm was also advised to expedite the supply in view of increased loco production and ensure that there is no held up in production / maintenance because of delay in supply.



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