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## भारतसरकार—रेलमंत्रालय अनुसंघान अभिकल्प और मानक संगठन लखनऊ-226011

Government of India - Ministry of Railways Research, Designs & Standards Organization, Lucknow – 226011

Date: 01.09.2016

No. EL/2.2.13

## Chief Electrical Engineer,

CentralRailway, Mumbai CST-400001

2. Eastern Railway, Fairlie Place, Kolkata- 700 001

- 3. East Coast Railway, Chandrashekharpur, Bhubaneshwar-751 016
- 4. Northern Railway, Baroda House, New Delhi-110 001
- 5. North Central Railway, Hasting Road, Allahabad-211 001
- 6. Southern Railway, Park Town, Chennai-600 003
- 7. South Central Railway, Rail Nilayam, Secunderabad-500 071
- 8. South Eastern Railway, Garden Reach, Kolkata-700 043
- South East Central Railway, Bilaspur-495004
- 10. Western Railway, Churchgate, Mumbai-400 020
- 11. West CentralRailway, Jabalpur-482001
- 12. East Central Railway, Hazipur-844101 (Bihar)
- 13. Chittaranjan Locomotive Works, Chittaranjan- 713 331

**Sub:** Performance feedback report of traction motor bearing (NU2236 & NJ320) used in 6FRA 6068 traction motor

Increasing trend in failures of TM bearings of 6FRA 6068 TM is observed. For further analysis of failures of these bearing, it is requested to submit the failures details in following format for last three financial years and current financial year:-

Table-I (Failure summary of DE: NU2236 bearings)

SN	Make	2013-14			2014-15		2015-16			2016-17 (Up to Month)			
		Popu lation	Numb er of failure	FRP CP Y	Popul ation	Numbe r of failure	FRP CPY	Popu lation	Numb er of failure	FRP CP Y	Popu lation	Numb er of failure	FRPC PY
1.	M/s FAG						3						
2.	M/s SKF												
3.	Total												

Table-II (Failure summary of NDE: NJ320 bearings)

SN	Make	2013-14		2014-15			2015-16			2016-17 (Up to Month)			
		Popu lation	Numb er of failure	FRP CP Y	Popul ation	Numbe r of failure	FRP CPY	Popu lation	Numb er of failure	FRP CP Y	Popu lation	Numb er of failure	FRPC PY
1.	M/s FAG												
2.	M/s SKF												
3.	Total												

## Table-III (Failure details)

				Details of faile					
S N	Loco no.	Home Shed	Make	Date of Commissionin g of bearings	Date of failure	DE/ NDE	Nature of failure	Cause of failure	Remarks
1. 2.									

Joint notes/failure investigation report prepared may also be sent to RDSO for these failures.

(P.K. Saraswat) for Director General/Electrical

Encl: nil