GOVERNMENT OF INDIA
MINISTRY OF RAILWAYS
RAILWAY BOARD

No. 2020/EnHM/06/02 New Delhi, dated 02.02.2021

Principal Chief Mechanical Engineer
South Central Railway
Secunderabad

SUB: Trials of Chemicals for coach cleaning
REF: SCR's letter No. M.13/C&W/Mech.Ldry./Policy, dt. 23.07.2019

Vide reference above, SCR has recommended inclusion of certain cleaning chemicals of M/s Nirvigna Surfactants Pvt. Ltd., Hyderabad, in the list of resource chemicals suppliers. From the documents provided with SCR's letter under reference, it is seen that very limited trials, i.e. for 10 days at one coaching depot only, have been carried out.

Regarding coach cleaning chemicals it needs to be established over a sustained trial period that :

i. The chemicals are effective
ii. These do not have deleterious effect on metals and / or paint
iii. These are bio-friendly.

Therefore, extended user trials may be carried out by SCR for cleaning of coaches with the selected chemicals of M/s Nirvigna involving different type of trains i.e. Primary maintenance, Secondary maintenance, Platform Return and other end maintenance for a period of three months and results analysed and furnished to CAMTECH and Railway Board. Samples of products intended for use in toilets should also be sent to CAMTECH to confirm suitability for use in bio-toilets.

Also, it may be noted that Zonal Railways can include any suitable brand in coach cleaning chemicals with approval of PCME. Para 9.0 – 7 of Chapter 8 of SBD issued vide RB L. No. 2016/EnHM/06/09 dated 23.08.2017; and Part II - para (F) of RB guidelines on OBHS issued vide RB L. No. 2006/M(C)/165/9 dated 17.02.2016 may be seen in this regard.

Regarding laundry chemicals, it may be noted that certain laundry chemicals were short listed for assessment of efficacy in Jan 2019, based on the response in EoI floated by the nominated committee of CRSEs.

(Shivendra Mohan)
Executive Director
EnHM / ME

Copy : PCMEs all ZRs

SOUTH CENTRAL RAILWAY

Headquarters office,
Mechanical Branch,
RailNilayam,
Secunderabad.
Date: 23.07.2019

No M.13/C&W/Mech.Ldry./Policy

PED/EnHM
Railway Board/NDLS

Sub: Testing of chemicals for coach cleaning and washing of linen.
Ref: 1. Railway Board Letter No. 2002/M(C)/141/2 Vol IV dt 06.03.14.
2. Railway Board Letter No. 2002/M(C)/141/2 Vol IV (Pt.1) dt 06.03.14.
3. Railway Board Letter No. 2017/EnHM/26/01 dt 25.01.19.

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1. M/s Nirvigna Surfactants Pvt Ltd, Hyderabad has approached this office for introduction of the cleaning chemicals manufactured by them for the use in MCC, CTS, OEM, Linen Washing etc in Railways.
2. The firm has submitted the list of chemicals and their use along with the following documents.

a) Eight types of chemicals listed below.

S No	Chemical Name	Purpose
1	Nirvigna Multi Purpose Detergent Liquid	PVC Floor/Glass/Ceramic/Stainless Steel Shiner/ Laminated Plastic Sheet/Berth Rexene/Painted Surface.
2	Nirvigna Hard Surface Cleaner	Exterior / Hard Stain Remover
3	Nirvigna Disinfectant Cleaner	Anti Bacterial
4	Nirvigna Ink/Stain Remover	Permanent Pen marks/Ink Marks/Glue Marks
5	Nirvigna Air Freshner	Smell Purpose
6	Nirvigna Stainless Steel Shiner	Stainless Steel Washer cum Shiner
7	Nirvigna Liquid Hand wash	Hand wash and fresh
8	Nirvigna Detergent Liquid	Rexene, Fabric, Softener for Laundry

b) Material Safety Data Sheets (MSDS) for the above chemicals.
c) NABL accredited lab report for the above chemicals.
d) The firm has made a trail of the chemicals at coaching depot HYB and the joint performance report of CDO/HYB depot is enclosed herewith.

The above chemicals are submitted for the test at CMT/LGDS and CMT lab has certified that the properties/values arrived during testing at CMT are in confirmation with the values given with MSDS/NABL as submitted by the firm.

Railway Board vide various letters under reference approved/suggested the use of cleaning chemicals like M/s Johnson Diversey, M/s Ecolab, M/s Chela & M/s Haylide after extensive trials and included in resource chemicals which are being implemented by Zonal Railways accordingly.

In this context the documents as given at point No.2 are hereby enclosed for kind information and necessary action to include them in the list of resource chemicals suppliers as applicable.

This has the approval of PCME/SCR

Encl: As above

(R V N Sarma) 23 7 19
CRSE/SCR

Copy:- M/s Nirvigna Surfactants Pvt Ltd, Hyderabad, for information.

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