

POST COVID COACH

Design improvements
to Fight

COVID-19



RAIL COACH FACTORY, KAPURTHALA

DESIGN IMPROVEMENTS



HANDSFREE AMENITIES



COPPER COATED HANDRAILS & LATCHES



PLASMA AIR PURIFICATION



TITANIUM Di-Oxide COATING

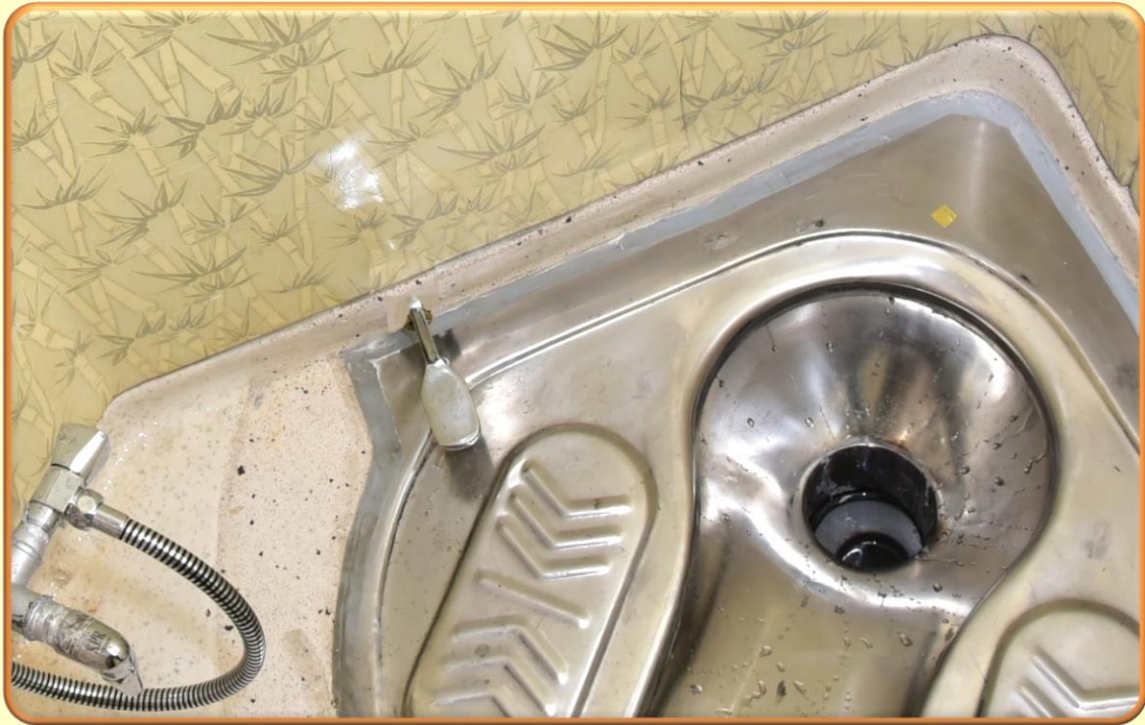
HANDSFREE AMENITIES



Foot operated water tap & soap dispenser



Foot operated Lavatory door (outside)



Foot operated flush valve



Foot operated Latches in Lavatory door



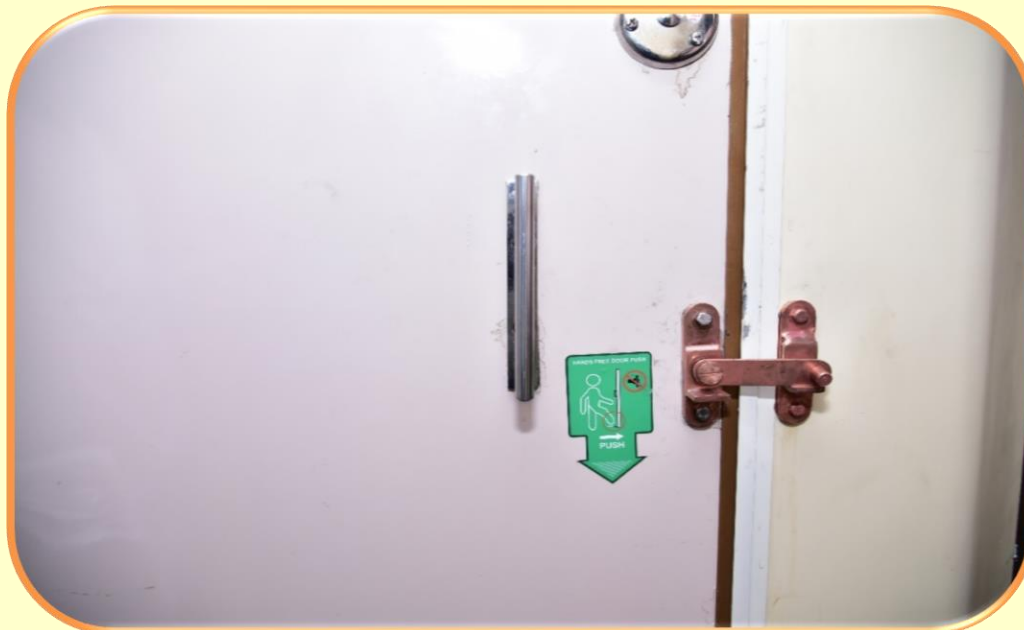
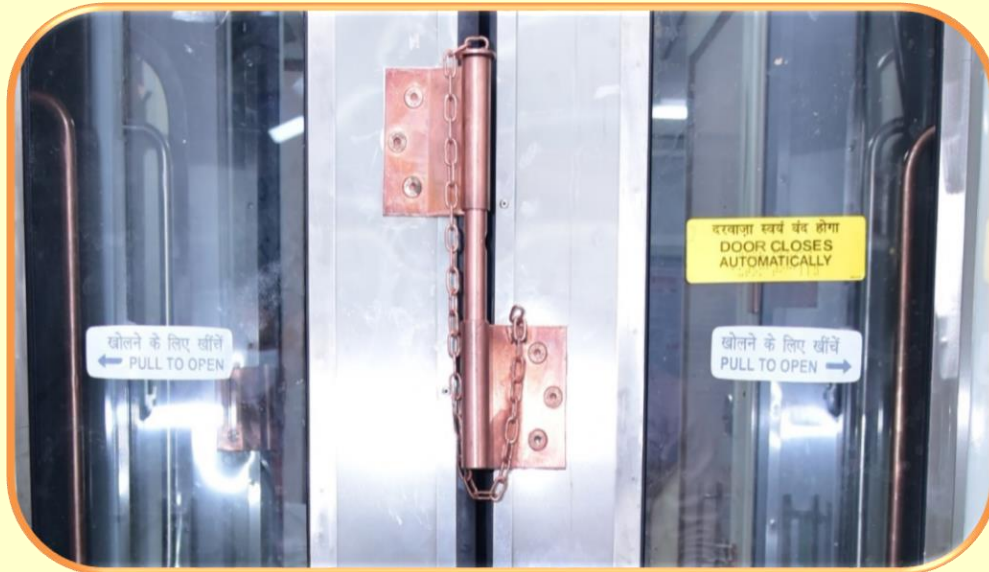
Outside washbasin with foot operated Water tap & Soap dispenser



Forearm operated handle on compartment door

COPPER COATED HANDRAILS AND LATCHES

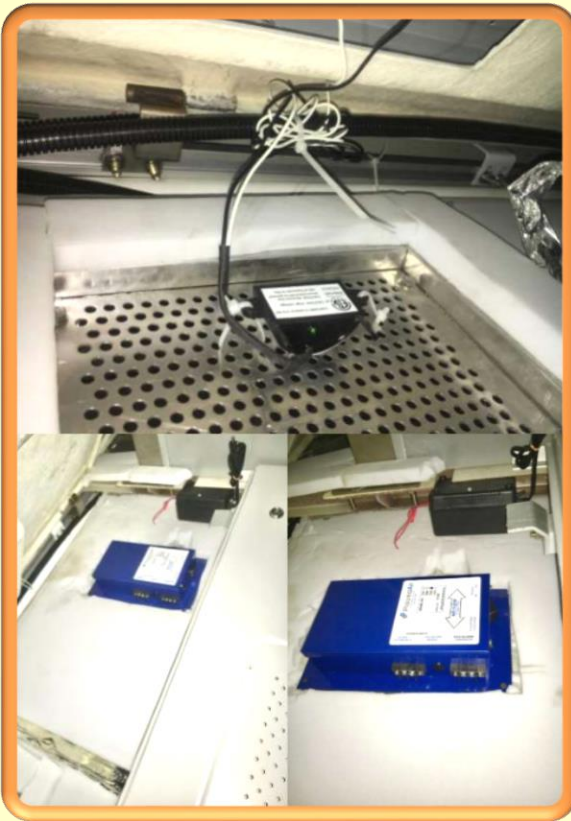




Copper coated
Handrails and
latches

Copper degrades the virus landed on it within few hours. Copper has anti microbial properties. When virus lands on copper, Ion blasts pathogen and destroy the DNA and RNA inside the virus.

PLASMA AIR PURIFIER



Plasma Air Purifier

Provision of Plasma Air Equipment in AC duct

Sterilization of air and surfaces inside the AC coach using ionised air to make the coach Covid-19 and particulate matter resistant

Improvement in ion concentration from 100 ions/cm³ to more than 6000 ions/cm³

TITANIUM Di-Oxide COATING



Titanium Di-oxide coating

Nano structured Titanium Dioxide Coating functions as photoactive material

Eco-friendly water-based coating that kills viruses, bacteria, mould, and fungal growth; and most importantly enhances indoor air quality

Non-toxic and approved by food testing laboratory of the United States Food & Drug Administration (FDA), CE certified

TiO₂ is considered to be a safe substance, and is harmless to humans

Coating applied on washbasins, lavatory, seats & berths, snack table, glass window, floor, virtually every surface that comes in human contact

Effective life of coating is 12 months

RCF - COVID FREE CAMPUS OBSERVING ALL COVID SAFETY



Thermal Screening at Factory entrance



Regular disinfection of workplace



Social distancing at workplace



Personal Hygiene of employees at workplace



**Public awareness
announcements on
COVID safety**



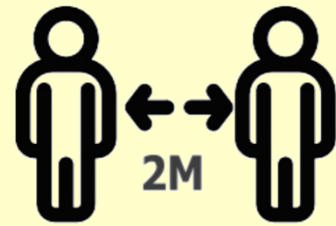
**Safety check of all
entrance at campus
entrance gate**



**Display of awareness
posters for wearing
face mask**



**TRAVEL SAFELY
BEAT COVID-19**



RAIL COACH FACTORY

KAPURTHALA

भारतीय रेल की सर्वोत्तम इकाई

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t @KapurthalaRcf

www.rcf.indianrailways.gov.in