

Title: Thermax 8 Level for Railway Axle Box

Sector: Automotive

Introduction/Project

Responsible for carrying an average of 4 million passengers every weekday, safety and reliability is paramount for Hong Kong's leading railway company.



Aim:

To provide an easy way to constantly monitor the axle box bearings, which are one of the most important components of rail vehicles, contributes to the reliability and safety of the railway network.



Solution:

To simplify the monitoring procedure Thermax 8 Level Indicators are attached to the axle box to enable maintenance engineers to carry out regular temperature checks by looking for their simple colour change. If high temperatures are recorded then this provides a warning that the bearings inside the axle box have possibly burnt out and as such the truck in question is segregated for inspection.

