

SAFETY RECOMMENDATIONS ISSUED IN 2021 IN THE GUIDED TRANSPORT SYSTEMS SECTOR

Collision between trains of the Naples Metro Line 1, at Piscinola station, on 14/01/2020.

Recommendation no. 1

It is recommended that the National Agency for Railway, Road Infrastructure and Motorway Safety ensure that the Managers of metro-rail transport services adopt systems for the acquisition and maintenance of competences to guarantee an adequate level of reliability and traceability of the training processes of personnel with railway traffic safety tasks, also by means of suitable internal audit/inspection activities.

Recommendation no. 2

It is recommended that the National Agency for Railway, Road Infrastructure and Motorway Safety ensure that Managers of metro-rail transport services implement appropriate risk analysis activities for railway operations arising from the human factor in degraded operations and identify appropriate mitigation actions.

Recommendation no. 3

It is recommended that the National Agency for Railway, Road Infrastructure and Motorway Safety ensure that the Managers of metro-rail transport services determine, by means of an appropriate risk analysis, speed limits, either by law or automatically imposed in the event of non-operation of train protection systems, which take into account the performance in terms of active safety (braking capacity) and passive safety (structural resistance) of the vehicles used on their network, and the specific conditions of the line (e.g. inclination).

Recommendation no. 4

It is recommended that the National Agency for Railway, Road Infrastructure and Motorway Safety ensure that Managers of metro-rail transport services adopt appropriate Safety Management Systems (SMS) for metro-rail operations.