

1. ESTE DOCUMENTO TINEE PALABRAS **CIVIL** EN EL BLOQUE 6 Y DE **COMS** EN EL BLOQUE 7.
2. The train's propulsion system is connected to the power supply system, and the chassis includes bogies, axles, and suspension systems. The pantograph interacts with the overhead catenary system, and the vehicle's aerodynamics ensure chassis chassis chassis chassis bogies a smooth motion. Passenger comfort is enhanced by the HVAC system and vibration control.

Chassis bogies axles bearings brakes suspension traction speed control
pantograph power systems train aerodynamics automatic doors interior and exterior
lighting.

3. Information security cyber defense operational technology security cyber resilience.

Firewalls intrusion detection system intrusion prevention system network
segmentation encryption virtual private networks secure access control.

Identify and access management security information and event management endpoint
security zero trust architecture public key infrastructure.

Vulnerability assessment penetration testing pen testing patch management threat
intelligence security monitoring.

4. Incident response plan data protection data privacy malware detection
cybersecurity cybersecurity cybersecurity cybersecurity.
Cybersecurity.
5. Poles Supra Trolley Catenary
6. Track foundation, tunnels, bridges, viaducts, culverts, retaining walls, drainage
systems, noise barriers, slope stabilization, geotechnical engineering, pile
foundations, railway stations, platforms, station infrastructure, level crossings,
structural load analysis, track superstructure, ballast, sleepers, ties, rails, track
geometry, subgrade improvement, utilities relocation, civil design drawings,
concrete structures, plans, elevations, cross-sections, reinforced concrete, pre-
stressed concrete, poles, TTR, Trackside, Trackside technical room.
7. communications system , wireless communications , radio systems , GSM-R ,
TETRA, LTE-R , Fiber-optic networks , microwave communications ,
Communication-Base Train control , Wireless local area network ,
8. Texto fin.