

# Curriculum Vitae

Sánchez Paniagua, Ismael

## CURRENT POSITION

---

Name of company

Job position

VIAS

R&D Manager

## PROFESSIONAL BACKGROUND

---

- TECSA Empresa Constructora S.A. (TECSA), Railway Infrastructure Innovation Engineer, Technical Directorate, March-Nov 2001.
- TECSA, Head of Technical Office in railway works, Nov 2001-Nov 2004.
  - *Tardienta-Huesca section: first commercial 3-rails section (Line: Zaragoza-Huesca-Canfranc. Section: Tardienta-Huesca. Adaptación al Ancho UIC (HU-19))*
  - *Railtrack Renewal: Line: Madrid – Hendaya, Section: Tolosa-San Sebastián.*
- TECSA, Head of Facilities Infrastructure, Nov 2004- Sept 2008.
  - *Construction Project for the Expansion and Improvement of Sants Station (Barcelona). Phase I.*
  - *Construction Project for the Expansion and Improvement of Sants Station (Barcelona). Phase II: Infrastructure, railtrack and platforms.*
  - *Line 1 Metro de Barcelona. Station maneuvering queue, Hospital de Bellvitge.*
- TECSA, R&D and Facilities Infrastructure Manager, Sept 2008 – Oct 2016.
- VIAS, R&D Manager, Oct 2016-Today.

## EDUCATION AND TRAININGS:

---

- Industrial Engineer, ETSII (Superior Technical College of Industrial Engineers), UPM (Polytechnic University of Madrid), 2001.
- Practices at INSIA: Vehicle instrumentation and development of a LabView application for results analysis, 2001.
- Environmental Management System, Comunidad de Madrid (100 h), 2001.
- Production Management, Dragados (100 h), 2002.
- Basic occupational risk prevention course, CEI accredited (50 hours).
- Railway aerial contact line; Railway signalling; Railtrack technology. TECSA and TECSA-RENFE periodical courses.
- Railway aerial contact line specialization, ADIF (30h), 2014.

## EXTRAS:

---

- Railway Innovation Hub: Member of the Board of Directors.
- Member of the Executive Committee of the Spanish Railway Technology Platform (PTFE).
- More than 40 R&D railway projects leaded, and more than 15 railway patents launched.