



INTERNATIONAL UNION  
OF RAILWAYS

<b>JOB DESCRIPTION</b>	
Position	Mechanical Engineering
<b>IDENTITY OF THE EMPLOYEE</b>	
Job Title	Rolling Stock Senior Advisor
Seniority	At least 6 years of work experience in the rolling stock area (braking)
Position in the organisation chart	Rail System Department
<b>MAIN DUTIES</b>	
Main Duty	<ul style="list-style-type: none"> <li>○ Responsible for all braking and diesel traction projects</li> </ul>
Activities and Technical areas of activities	<ul style="list-style-type: none"> <li>○ Management of SET 7 (Braking): Preparation of meetings (2 per year), drafting conclusions, managing WGs for updating braking leaflets, preparing new projects for RSF, updating leaflet appendices with certified brake components</li> <li>○ All works relating to the technical development of composite brake blocks (blocks K, L and LL). This concerns working group B 126.13 (4 meetings per year) and any related matters (hand brake, winter conditions, etc.)</li> <li>○ Management of WG B 126.3 (dynamometers) with the corresponding leaflet (548) (4 meetings per year)</li> <li>○ Management of WG B 126.23: work relating to the performance of exhaust devices for emergency braking under ETCS/ERTMS systems</li> <li>○ Management of WG B 126.24: work relating to the inadequate braking performance of container wagons</li> <li>○ Management of the new project: ep-direct brake (scheduled to start in 2017)</li> <li>○ Management of SET 12 (diesel traction): Preparation of meetings (2 per year), drafting conclusions, updating diesel leaflets, preparing new projects for RSF, updating leaflet appendices with certified engines</li> <li>○ Work relating to the implementation of European Directive 26/2004 for railway diesel engines (revision of</li> </ul>

	<p>limit values V and date of joint introduction with UNIFE and EUROMOT)</p> <ul style="list-style-type: none"> <li>○ Organisation and supervision of certification procedures for braking components (distributors, valve relays, WSP, brake pads, composite blocks, dynamometers)</li> <li>○ Organisation and supervision of certification procedures for diesel engines</li> </ul>
Job specificities	<ul style="list-style-type: none"> <li>○ Responsible for negotiating certification contracts for brake components and diesel engines.</li> <li>○ Reports to department director</li> <li>○ Frequent work trips</li> </ul>
<b>SKILLS REQUIRED FOR THE POSITION</b>	
Professional Knowledge and qualities required	<ul style="list-style-type: none"> <li>○ Technical knowledge of brake components</li> <li>○ Knowledge of braking regulations</li> <li>○ Technical knowledge of diesel traction engines</li> <li>○ Knowledge of certification procedures for brake components</li> <li>○ Knowledge of the operation and working methods of the various European institutions and standards bodies, such as European Commission, ERA, TSI, CEN, ISO</li> </ul>
Languages	<ul style="list-style-type: none"> <li>○ Good knowledge of English, French and German languages</li> </ul>