

		Job Description			
Job Title:	Electrical Engineer R&D-AP (Electro Mechanical Design)				
Company:	Schindler	Work location:	Shanghai / Jiading		
Department:	R&D-AP	Reporting to position:			
Management grade:	Junior Engineer	Signatory right:	Campus		
Number of direct subordinates:	none	Number of indirect subordinates:	none		
Direct budget responsibility:	none	Indirect budget responsibility:	Project budgets		
Objectives of the function:	<ul style="list-style-type: none"> The job holder fulfills his/her mission within the R&D-CO / AP electrical department. He/She is response for the EMD design; 				
Main tasks:	<p>Elaborate solutions for electromechanical devices on the scope of the electrical system architecture</p> <ul style="list-style-type: none"> - Develop electromechanical devices (control cabinets, interface boxes, cables, fixture devices.), elaborated according to the component specifications, component design and development processes, including the integration of the electronic devices on them, by using state of the art 2D and 3D development tools <p>Be responsible for the Master schematic and its Rules for the control and the related components within the elevator system</p> <ul style="list-style-type: none"> - Design the Master schematic with the ECAD-Tool according to CO -Guidelines / Concept and to the Architecture specification. - Write the Rule documentation of the Master schematic based on the Order Parameter. - Cross check the Master Schematic against the wiring and the construction e.g. PCB, Cabling and others. 				
Education:	<ul style="list-style-type: none"> Major with Mechanical Design, Electrical engineering, mechanical design & automation; Bachelor or Master degree 				
Languages:	<ul style="list-style-type: none"> Good English 				
IT:	Excellent knowledge of office software				
Professional skills:	<ul style="list-style-type: none"> Engineering and design methods 				
Preferences:					