

Job Title:	Embedded Software Engineer	Position Type:	Permanent, Full-time
Location:	Melksham	Grade:	L / M
Department:	Engineering	Closing Date:	22/03/19
Job Description:			
Purpose of position:	To engineer and maintain embedded software on KBRs products.		
Training / education:	Degree in Software Engineering / Computer Science related subject or relevant experience.		
Professional experience and / or qualifications:	<p>Essential:</p> <ul style="list-style-type: none"> • In depth knowledge of serial communications in embedded real-time applications. • Demonstrated development of embedded software using the C language. • Use of configuration control tooling to provide version controlling to KBRs's embedded software. <p>Desirable:</p> <ul style="list-style-type: none"> • Appreciation of developing safety-related software with appreciation of the EN50128. • Significant experience in CAN Bus and Ethernet communications is highly desirable. • Significant experience in RS232, SPI and I2C communications is highly desirable. • Some experience in real-time safety related software development within a software quality process is advantageous. • Have understanding or basic experience in different methods of white-box testing. • C++.NET experience to allow creation or maintaining of test PC applications for embedded software. 		
Additional skills and requirements (IT, languages, extensive travel, etc.):	<ul style="list-style-type: none"> • Have the capability to specify and implement network architectures and communication protocols. • Willing to travel for short periods to support embedded software. 		
Financial responsibility:	N/A		
Key indicators:	N/A		
Responsibility for personnel:	N/A		

Indicative main responsibilities / duties (5-9 key outputs):

- Engineering and maintaining embedded software on KBRS Brake related products (full lifecycle).
- Developing embedded products and networks with integrated communication interfaces.
- On receiving product requirements, writing software requirements for real-time embedded software solutions that allow a software tester to write test cases to verify the software's operation.
- Module testing code produced using test harnesses created using KBRS tooling, identifying any issues or proving compliance to functional requirements.

Applying for this position:**By email:**

To apply by email, please send your CV and Covering Letter to: recruitment.resmlk@knorr-bremse.com.

Please include the '**Job Title**' in the email subject.

Please note that roles may close earlier than specified should we receive sufficient applications prior to the written closing date.