

Trainer Name	Dr Hassan Kaghazchi
Trainer Details	PhD, MEng, BEng, CEng, Senior Member ISA An automation professional with over 30 years experience in Research and Development, Education, Training, and Consultancy in the field.
Course Title	Certified PROFIBUS Engineers Course- PA* Module *Process Automation
Aim	The aim of this course is to extend the participant's knowledge of PROFIBUS to Process Automation (PA). The candidate should be able to fault find and isolate problems with the networks, during installation and operation phases in normal and intrinsic safe areas.
Content	<ul style="list-style-type: none"> <li>▪ EDD technology</li> <li>▪ FDT/DTM technology</li> <li>▪ PA profile related data string</li> <li>▪ PA status interpretation</li> <li>▪ Construction of PA diagnosis</li> <li>▪ MBP Basics, baud rate</li> <li>▪ Basic, fault current of field devices</li> <li>▪ Qualities of Manchester Bus coded signal</li> <li>▪ DP/PA coupler &amp; link, types and qualities</li> <li>▪ EX and non EX specific components</li> <li>▪ Two and four wire PA field devices,</li> <li>▪ DP/PA device integration examples</li> <li>▪ Trouble shooting using OPC server &amp; bus monitor.</li> </ul>
Duration	1 Day
Location	All Ireland
Who should apply	Commissioning & plant Engineers
Certification	PROFIBUS International
Number of places	8 per course
Training methods	Theory & practical sessions using the most comprehensive training and AV equipment.
For further information	<p><b>PROFIBUS Ireland</b>  <b>Automation Research Centre</b>  <b>University of Limerick</b>  <b>061-202107, 061-240240</b>  <a href="mailto:training@profibus.ie">training@profibus.ie</a>  <a href="http://www.profibus.ie">www.profibus.ie</a></p> 