

		<h2 style="text-align: center;">IECEX Certificate of Conformity</h2>	
<b>INTERNATIONAL ELECTROTECHNICAL COMMISSION</b> <b>IEC Certification Scheme for Explosive Atmospheres</b> <small>for rules and details of the IECEx Scheme visit <a href="http://www.iecex.com">www.iecex.com</a></small>			
Certificate No.:	IECEX NEM 09.0001	Issue No.:	1
Status:	Current	Certificate history: Issue No. 1 (2010-12-20) Issue No. 0 (2009-5-4)	
Date of Issue:	2010-12-20	Page 1 of 4	
Applicant:	<b>Palmstierna International AB</b> Korta Gatan 9 SE-171 54, Solna Sweden		
Electrical Apparatus: Optional accessory:	<b>D3E, Logix 800sl-15, D20E, APEX 9000</b>		
Type of Protection:	<b>Ex d IIB / tb IIIC</b>		
Marking:	<b>Ex d IIB +H2 T6 Gb Ta:60°C</b> <b>Ex tb IIIC T100°C Db Ta: 60°C</b>		
Approved for issue on behalf of the IECEx Certification Body:	Rolf Hoel Certification Manager, Ex-products		
Position:	Certification Manager, Ex-products		
Signature: (for printed version)	_____		
Date:	_____		
1. This certificate and schedule may only be reproduced in full. 2. This certificate is not transferable and remains the property of the Issuing body. 3. The Status and authenticity of this certificate may be verified by visiting the Official IECEx Website.			
Certificate issued by			
NEMKO Gaustadalleen 30 Oslo N-0314 Norway			
		<h2 style="text-align: center;">IECEX Certificate of Conformity</h2>	
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Manufacturer:	<b>Palmstierna International AB</b> Korta Gatan 9 SE-171 54, Solna Sweden		
Manufacturing location(s):	<b>same as above.</b>		
This certificate is issued as verification that a sample(s), representative of production, was assessed and tested and found to comply with the IEC Standard list below and that the manufacturer's quality system, relating to the Ex products covered by this certificate, was assessed and found to comply with the IECEx Quality system requirements. This certificate is granted subject to the conditions as set out in IECEx Scheme Rules, IECEx 02 and Operational Documents as amended.			
<b>STANDARDS:</b> The electrical apparatus and any acceptable variations to it specified in the schedule of this certificate and the identified documents, was found to comply with the following standards:			
IEC 60079-0 : 2007-10	Explosive atmospheres - Part 0: Equipment - General requirements		
Edition: 5			
IEC 60079-1 : 2007-04	Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"		
Edition: 6			
IEC 60079-31 : 2008	Explosive atmospheres - Part 31: Equipment dust ignition protection by enclosure "t"		
Edition: 1			
<i>This Certificate does not indicate compliance with electrical safety and performance requirements other than those expressly included in the Standards listed above.</i>			
<b>TEST &amp; ASSESSMENT REPORTS:</b> A sample(s) of the equipment listed has successfully met the examination and test requirements as recorded in			
<u>Test Report:</u> NO/NEM/EXTR09.0001/00			
		NO/NEM/EXTR09.0001/01	

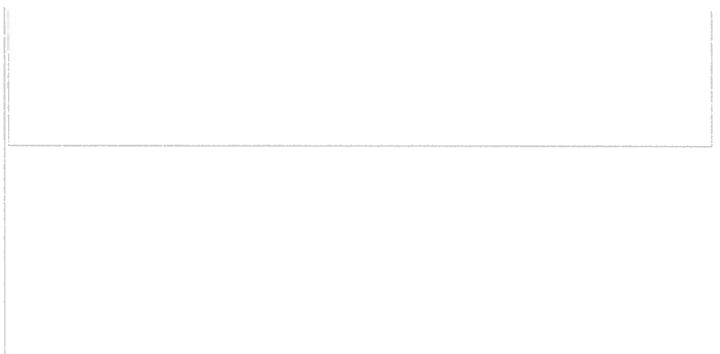
Quality Assessment Report.

NO/NEM/QAR08 0008/00

NO/NEM/QAR08 0008/01

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<b>Schedule</b>					
<b>EQUIPMENT:</b>					
<i>Equipment and systems covered by this certificate are as follows:</i>					
<p><b>General product information:</b>            Models D3E, Logix 800sl-15, D20E, APEX 9000 is digital positioner designed primarily to control modulating valves. The positioner can be used with single or double action actuators with either rotary or linear movement. These positioners comprises an electronic board with microprocessor, hart modem, display etc, a valve block, a positional feedback with potentiometer and a compartment for electrical connections. The pushbuttons and display are accessible from underneath the threaded lid cover. The whole assembly is contained in a flameproof aluminium enclosure with two threaded lids and two threaded openings for cable glands/conduits. Flame arresters are integrated in the enclosure in each air inlet and outlet.            Input signal / Protocoll for APEX 9000:            4-20mA / None            4-20mA / HART            Input signal / Protocoll for D20E:            4-20mA / None            4-20mA / HART            Profibus PA            Foundation Fieldbus            Data: 28V DC, 24mA            Range of Ambient Temperature: Gas Ta. -20°C to 60°C, Dust Ta. -20°C to 80°C            Degree of protection: IP 66 according to IEC 60529.</p>					
<b>CONDITIONS OF CERTIFICATION: NO</b>					

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<b>DETAILS OF CERTIFICATE CHANGES (for Issues 1 and above):</b>					
New variants as type name D20E and APEX 9000 added.					



Annexe: ANNEX TO IECEX Cert NEM 09.0001.pdf