

**PART 1 - HOLDER'S DETAILS**

PCN NUMBER: 332567

ISSUE DATE: 13/09/2016

ISSUE NUMBER: 8

NAME & ADDRESS:

Manikandan Baskaran  
 Door no 68, Car Street  
 Thiruppathiripuliyur  
 Cuddalore  
 Tamil Nadu  
 607 002  
 India

NORMAL SIGNATURE: *Manikandan B*

This document may be withdrawn or revoked in part or in total at any time.

**PART 2 - NOTIFICATION OF PERMANENT CHANGE OF HOLDER'S ADDRESS**

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This part is used by the certificate holder to notify the BINDT Certification Records Office of a permanent change of address. Please complete in BLOCK LETTERS, carefully detach this portion (retaining the remnant evidence of certification), and fax or post to: BINDTCRO, Midsummer House, Riverside Way, Bedford Northampton NN1 5NX, or by email to [pcn@bindt.org](mailto:pcn@bindt.org).

FULL NAME:

NEW ADDRESS:

POSTAL CODE:

TELEPHONE:

EMAIL ADDRESS:

**PART 3 - CERTIFICATION HELD (All certificates comply with EN ISO:9712 unless otherwise stated) D = Distinction (80% or above average)**

CERTIFICATE NUMBER	ISSUE	LEVEL	SECTOR	METHOD	SCOPE OF CERTIFICATE (see over for key to codes)	ISSUE DATE	EXPIRY DATE
M016S62429492	1	2D	6	24	Butt Welds in Plate, Butt Welds in Pipe, NDT Instruction Writing, Plate	09/03/2016	08/03/2022
M016S22120469	1	2D	2	21	Fixed Installations, Portable Equipment, NDT Instruction Writing	07/04/2016	06/04/2022
M016S22221065	1	2D	2	22	Dye penetrants, Fluorescent Penetrants, NDT Instruction Writing	09/05/2016	08/05/2022
M016S63422807	1	2D	6	34	Light Metals, Dense Metals	21/05/2016	20/05/2022
M016S62022857	1	2D	6	20	Single Frequency, NDT Instruction Writing	07/06/2016	06/06/2022
M016S22833932	1	3D	2	28		26/07/2016	25/07/2022
M016S62723937	1	2D	6	27	NDT Instruction Writing	26/07/2016	25/07/2022

**WARNING.** This document is valid only when presented on original cream paper, and when supported by a laminated wallet card bearing the signature and a photograph of the holder impressed with the PCN cold seal.

Verification of current certification status is strongly encouraged and is available at [www.bindt.org/PCN](http://www.bindt.org/PCN) or by post, telephone, fax or e-mail quoting the unique PCN Number or full name shown in Part 1 above.





## PART 4 - IMPORTANT INFORMATION ABOUT PCN CERTIFICATION

PCN certification is issued by the British Institute of NDT (BINDT), a limited company (Reg No. 969051) and a Charity (Reg No. 260222), accredited by the United Kingdom Accreditation Service (UKAS). UKAS is signatory to recognition agreements with other national accreditation bodies. All PCN certification held by the individual named in Part 1 over leaf is listed in Part 3, together with a date of expiry.

This document, which is re-issued upon each occasion when there is a change in the holder's certification details or home address, is valid only when presented with a laminated PCN wallet card bearing a photograph of the holder. Both documents must bear the usual signature of the holder and the same unique six digit number, and are impressed with the PCN cold seal. Photocopies are unauthorised and should not be accepted. There are severe penalties for attempted forgery of certification.

BINDT is accredited by UKAS as complying with European standard EN ISO:17024 (General criteria for certification bodies operating certification of personnel), and issues certificates satisfying the criteria of EN ISO:9712 (Non-destructive testing - Qualification and certification of personnel).

The European Pressure Equipment Directive (PED). The British Institute of Non-Destructive Testing is a Recognised Third-Party Organisation under regulation 20 of the European Pressure Equipment Regulations 1999 which implement the provisions of Directive 2014/68/EU of the European Parliament and of the Council concerning pressure equipment. The scope of the appointment is for the approval of personnel to carry out non-destructive tests on permanent joints for pressure equipment in categories III and IV in accordance with section 3.1.3 of Schedule 2 to the Regulations. All PCN certification valid for the welding and pre & in-service inspection sectors satisfies the PED. The British Institute of Non-Destructive Testing also offers approval of NDT personnel qualified through 'in-house' or 'second party' NDT personnel qualification systems for companies seeking to satisfy the provisions of the PED. Contact [pcn@bindt.org](mailto:pcn@bindt.org) for further information.

The qualification requirements of the PCN Scheme (eyesight, periods of training and experience, and examination) also satisfy the provisions of a number of other widely accepted national and international standards and guidelines. Employers may find it convenient to utilise the PCN examinations within their internal NDT personnel certification programmes. Further guidance on any aspect of personnel or quality system certification may be obtained from the certification Services Division of BINDT.

BINDT is a signatory to and registered under a European Federation for Non-destructive Testing (EFNDT) Multilateral Mutual Recognition Agreement (MRA). PCN certificates are recognised by all EFNDT MRA signatory bodies. Specific details of the MRA may be obtained from BINDT.

The following Levels of Competence are covered by the PCN scheme:

**Level 1.** An individual certificated to level 1 is qualified to carry out NDT operations according to a written instructions and under the supervision of level 2 or level 3 personnel. PCN level 1 certificated personnel have demonstrated competence to set up equipment, carry out the test, record and classify the results in terms of written criteria, and to report the results. Level 1 Personnel have not demonstrated competence in the choice of test method or technique to be used, nor for the assessment, characterisation or interpretation of test results.

**Level 1D.** As above: distinction level.

**Level 2.** This level is qualified to perform and direct NDT according to established or recognised procedures and have demonstrated competence to choose the technique for the test method used; set up and calibrate equipment; perform and supervise the test; interpret and evaluate results according to applicable standards, codes or specifications; define the limitations of application of testing method for which they are qualified; understand and transform NDT standards and specifications into practical testing instructions adapted to the actual working conditions; prepare written test instructions; carry out and supervise all level 1 duties; organise and report the results of non-destructive tests.

**Level 2D.** As above: distinction level.

**Level 3.** Personnel holding this, the highest level, are qualified to direct any NDT operation for which they are certificated and; assume full responsibility for a test facility and staff. Specifically, they are competent to; establish and/or validate NDT instructions or procedures; interpret codes, standards, specifications and procedures; designate the particular test methods, technique and procedures to be used. Level 3 personnel have demonstrated: a competence to interpret and evaluate test results in terms of existing codes, standards and specifications; the possession of the required level of knowledge in applicable materials, fabrication and product technology sufficient to enable the selection of methods and techniques, and to assist in the establishment of test criteria where none are otherwise available; a general familiarity with other NDT methods and techniques; guide personnel below level 3. Where level 3 duties regularly require the individual to apply routine NDT by method or methods, PCN strongly recommends that this person should hold and maintain level 2 certification in those methods.

**Level 3D.** As above: distinction level.

Certificates, which are issued following success in thoroughly searching examination conducted at authorised independent test centres, are valid for five years. PCN document CP16 details the requirements for level 1 and 2 renewal and certification, while CP17 and CP17A details requirements for level 3 renewal and recertification. These documents are subject to periodic revision, and certificate holders are urged to ensure that they have the current version before applying for renewal or recertification.

Regrettably, attempts to forge PCN Certificates occasionally occur. Verification of certification on-line at [www.bindt.org/PCN](http://www.bindt.org/PCN) is strongly encouraged.

## PART 5 - KEY TO CODES USED TO DEFINE SCOPE OF CERTIFICATION

Code	Sectors (Industry)	Scopes of Competence
1	Aerospace	X-rays
2	Pre and in-service inspection	Gamma rays
3	Railway maintenance	Dye penetrants
8	Radiation	Fluorescent penetrants
<b>Code</b>	<b>Sectors (product)</b>	Fixed installations
4	Castings	Portable equipment
5	Forgings and wrought products	Composite materials
6	Weldments	Materials and components
7	Tubes and pipe	Structures
<b>Code</b>	<b>NDT Methods &amp; Techniques</b>	Light metals
20	Eddy Current	Dense metals
21	Magnetic Particle Testing	Plate
22	Liquid Penetrant Testing	Bars and billets
23	Visual testing	General Forgings
24	Ultrasonic Testing	Condenser Tubes
25	Radiography	NDT instruction writing
26	ACFM	Critical defect sizing
27	TOFD	Single frequency
28	Phased Array	Multiple frequency
29	Computer Radiographic Testing	Butt welds in plate
30	Digital Radiographic Testing	Butt welds in pipe
31	Guided Wave	'T' joint welds
32	Weld Inspection	Nozzle welds
33	Radiography (welds) Aero	Node welds
34	Radiographic Interpreter	Wavemaker
35	Computer Radiographic Interpreter	Teletest
36	Digital Radiographic Interpreter	MSS
37	Phased Array Interpretation	ISO 20807 Inspection of Wrought Plat
38	Basic Radiation Safety	Steel components
39	Radiation protection	
40	Railway Axles	
41	Rail (NR/055)	
42	Rail UT Weld	
48	Thickness measurement & corrosion monitoring	

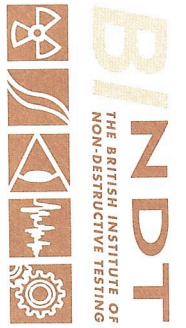
This part may be used by the employer to signify that the certificate holder is authorised to carry out NDT on behalf of the employing company.

COMPANY STAMP

SIGNATURE & NAME  
OF PERSON AUTHORISING

DATE





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M016S22823939	1	2D	2	28		26/07/2016	25/07/2021
M016S62034461	1	3D	6	20		08/08/2016	07/08/2021
M016S62735108	1	3D	6	27		24/09/2016	23/09/2021

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