



**ATTESTATION D'EXAMEN CE DE TYPE
EC TYPE-EXAMINATION CERTIFICATE
N° CE-PED-B-NIC 001-09-IND**

BUREAU VERITAS S.A., agissant dans le cadre de sa notification (numéro d'organisme notifié 0062), atteste que le type identifié ci-après, examiné selon les prescriptions du module B de l'annexe III de la directive "Equipements sous pression" N° 97/23/CE, est conforme aux dispositions correspondantes de la directive.

BUREAU VERITAS S.A., acting within the scope of its notification (notified body number 0062), attests that the type identified hereunder has been examined against the provisions of annex III, module B, of the Pressure Equipment directive n° 97/23/EC, and found to satisfy the provisions of the directive which apply to it.

Fabricant (Nom) / *Manufacturer (Name)* : **Nirmal Industrial Controls Pvt. Ltd.**

Adresse / *Address*: **4, Nahur Industrial Estate, L.B.Shastri Marg, Mulund(W),, 400080 Mumbai, INDIA**

Marque commerciale / *Branding name*: **'NIRMAL'**

Description de l'équipement / *Equipment description*: **Gas Pressure Regulators & Gas Safety Shut off Valve**

Identification du type approuvé / *Identification of approved type*: **Pressure Regulators Series D53 # 600 & Gas Safety (Slam) Shut off Valve Series SH4,600#**

Versions couvertes par le type approuvé / *Versions covered by the approved type*: /

La liste des parties pertinentes de la documentation technique est annexée à la présente attestation.
A list of the relevant parts of the technical documentation is annexed to this certificate.

Cette attestation, d'une durée de validité de 10 ans renouvelables sur demande, est valable jusqu'au (MM/JJ/AAAA) :
This certificate, which is valid for 10 years and renewable upon request, is valid until (MM/DD/YYYY) :
11/24/2019

La présente attestation est présumée nulle et le fabricant supportera seul les conséquences de son utilisation, en cas de modification apportée à l'équipement susceptible de remettre en cause sa conformité aux exigences essentielles de sécurité ou à ses conditions d'utilisation prévues et, de manière générale, si le fabricant ne respecte pas, notamment, l'une ou l'autre des obligations mises à sa charge par la Directive 97/23/CE du 29 mai 1997 telle que transposée dans le(s) droit(s) national(aux) applicable(s).

This certificate shall be deemed to be void and the manufacturer shall alone bear any consequences pursuant to its use, in case of modification to the equipment where this may affect conformity with the essential safety requirements or the prescribed conditions for use of the equipment, and generally where the manufacturer fails in particular to comply with any of his obligations under directive nr 97/23/EC of 29 May 1997 as transposed in the applicable law(s).

Etabli à / <i>Made at</i>	Le (MM/JJ/AAAA) / On (MM/DD/YYYY)	Signé par / <i>Signed by</i>	Signature / <i>Signature</i>
Mumbai	12/01/2009	M Gunasekaran	
Code d'enregistrement / <i>Registration code</i> : 2009/345.18,2665/P			

La présente attestation est soumise aux Conditions Générales de Service de Bureau Veritas jointes à la demande d'intervention signée par le demandeur. This certificate is subject to the terms of Bureau Veritas General Conditions of Service attached to the agreement signed by the applicant.



Annexe à l'attestation d'examen CE de type
Annex to the EC type-examination certificate
N° CE-PED-B-NIC 001-09-IND

Liste des parties pertinentes de la documentation technique
List of the relevant parts of the technical documentation

Application Form: No. : 600-D53-SH4/PED-03

Drawing No. : ASSY/C/23-2 Rev.0 and all drawings referred therein. ASSY/C/17A and all drawings referred therein.

Calculation Data Sheet Doc. No. : Section 3.0 of Technical Dossier File - III

Design Specification : EN 334 :2005+A1 :2009, EN 14382 :2005 + A1 :2009 & EN 12516-2 : 2004 + PED

Qualification of Welding & Other processes (for permanent assembly) : PQR No. NI/PQR/21

Qualification of Welders & Other operators : WPS No. NI/WPS/21A

Qualification of NDT Personnel : EN 473 / ISO 9712 Certificate Nos. 04-502-1154

Hazards Analysis Doc. No. : Section 3.0 of Technical Dossier File - I

Operating Instruction Manual Doc. No. D53-MNL-001,SH4-MNL 001

Declaration of Conformity Doc. No. NIB-CE-D53-001, NIB-CE-SH4-001

Drawing of Data Plate (or Marking) : Photocopy of Name Plate – Conformed

Material Specification : SA 352 Gr.LCB, SA 516 Gr.70, SA 276 Gr.316, SA 276 Gr.304, SA 193 Gr.B7(Mill Certificate as per EN 10204 : 2004 Type 3.1 or 3.2)

PMA : CE-PED-PMA-B-NICPL-001-09-IND

Inspection Plan : Section 11.0 of Technical Dossier File - III

Versions covered by the approved type

'SERIES D53' – Pilot operated gas pressure regulator, 'SERIES D53/E' – Standard regulator, 'SERIES D53/S' – Standard regulator with integral safety shut-off (Over Pressure), 'SERIES D53/U' – Standard regulator with integral safety shut-off (Over & under pressure), 'SERIES SH4' – Safety shut off device, 'SERIES SH4/O' – Over pressure safety shut off device, 'SERIES SH4/P' – Over & under pressure safety shut off device, 'SERIES SH4/Q' – Safety shut off with proximity/limit switch for remote signal ; with following specifications :

Sizes	: DN 25, DN 40, DN 50, DN 80, DN 100, DN 150
End Connecting & Rating	: ANSI 600#
Inlet Pressure	: 1 to 100 bar
Outlet Pressure	: 0.5 to 80 bar
Accuracy Class AC	: upto 1
Lock up Pressure group SG	: upto 5
Operating Temperature Class	: Class 2 (-20 to 60 °C)