

CERTIFICATE OF ACCREDITATION

LI-036-IDN

Date of Issue : 27 February 2009

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granted to :

Inspection Services Body (ISB) – PT ETI Fire Systems

at

Jl. Magelang – Kopeng Km.11, Tegalrejo, Magelang 56192

which has shown its competence as

Inspection Body – Type B

by implementing consistently

ISO/IEC 17020

General criteria for the operation of various types of bodies performing inspection

for the scope of accreditation as specified in the annex :- Australian Standard AS - 5062. Fire protection of
Mobile and Transportable Equipment



DR. SUNARYA

Secretary General

*This certificate entitles the inspection body to use the Mark illustrated herein on issued certificates/reports, letter heads, advertisement and other promotion purposes in accordance with determined regulation.
This certificate may not be reproduced in part, except in full, without written permission
from Komite Akreditasi Nasional (National Accreditation Body of Indonesia).*

National Association of Testing Authorities, Australia



Mutual Recognition Arrangements

The National Association of Testing Authorities, Australia (NATA) is recognised by the Australian government as the national authority for accreditation of laboratories and inspection bodies. Formal agreements also exist between NATA and the national laboratory accreditation bodies listed in the attached table, *NATA's Mutual Recognition Arrangement (MRA) Network*, for recognition of test and calibration reports from accredited laboratories, and between NATA and some of the national inspection body and reference material producer (RMP) accreditation bodies, also as listed in the attached table, for recognition of inspection reports from accredited inspection bodies, and of reference material certificates from accredited RMPs.

Under the mutual recognition arrangements between accreditation bodies, each organisation recognises the equivalence of accreditations granted by its overseas counterparts, and promotes the equivalence of such accreditations, covered by each scope of recognition, within its own economy. This reduces the need for re-testing, re-calibration or re-inspection of products or re-certification of reference materials in an importing economy and saves time and money for exporters. Before entering into such arrangements, accreditation bodies have the responsibility to thoroughly evaluate each other's systems of accreditation. These arrangements also include mechanisms to ensure that test, calibration and inspection reports, and reference material certificates, covered by the arrangement, carry the same degree of accuracy and credibility on an ongoing basis.

Each NATA-accredited laboratory, inspection body and RMP is recognised for its technical competence to perform specific tests, measurements, or inspections, or certification of specific reference materials. For those specific tests, measurements, inspections or certifications, for which it is accredited, the accredited organisation is entitled to place the appropriate NATA endorsement on its reports, details of which are listed in the Second Schedule of NATA's Rules (July 2006), copies of which can be obtained from the NATA web site. Each NATA-endorsed report must be signed by a person recognised by NATA as an approved signatory.

Accreditation is granted only after detailed assessment and regular reassessments of the technical competence of the laboratory, inspection body or RMP and its staff against defined technical and management system criteria. NATA assessments are carried out by teams that include independent technical experts.

For recognition of reports and certificates issued by laboratories, inspection bodies or RMPs accredited by NATA's overseas mutual recognition partners, reports and certificates received from overseas accredited organisations must bear the accreditation mark ("endorsement") of one of the accreditation bodies listed in the attached table.

While NATA promotes that the endorsed reports and certificates issued by organisations accredited by its MRA partners are equivalent to NATA-endorsed reports, NATA is not able to compel a regulator or other client to accept the overseas reports or certificates. To meet Australian regulatory requirements the overseas organisation must be accredited for the test, calibration or inspection procedure prescribed by the Australian regulator.

The attached table includes the web site details for each of NATA's MRA partners. These web sites can be checked for details of accredited organisations, and for the accreditation mark of each accreditation body. NATA does not itself maintain a list of organisations accredited by its MRA partners.

Additional information about mutual recognition arrangements can also be found on the web sites of ILAC (<http://www.ilac.org>), APLAC (<http://www.aplac.org>), EA (<http://www.european-accreditation.org>) and IAAC (<http://www.iaac.org.mx>).

Further details about NATA accreditation of laboratories, inspection bodies and RMPs, and NATA's mutual recognition arrangements are available from Dr Helen Liddy, International Relations Manager (ph: +61 3 9329 1633; fax: +61 3 9326 4158) or by visiting NATA's internet web site at <http://www.nata.asn.au>. Please also see NATA Information Paper No. 3, *Guide to Use of NATA's MRA Network*, available from the "publications" page of NATA's web site.

NATA's Mutual Recognition Agreement (MRA) Network

Economy	Organisation	Acronym	Area/s Included	Year
Argentina	Organismo Argentino de Acreditacion Website: www.oaa.ar	OAA	Testing/Calibration ^{1,4}	2005
Austria	Bundesministerium für wirtschaftliche Angelegenheiten Website: www.bmwa.gv.at	BMwA	Testing/Calibration ^{1,3}	1997 / 1998
Belgium	Belgian Organisation for Accreditation Website: www.belac.fgov.be	BELAC	Testing/Calibration; Inspection ^{1,3}	1997; 2008
Brazil	Directoria de Credenciamento e Qualidade/Instituto Nacional de Metrologia, Normalizacao e Qualidade Industrial Website: www.inmetro.gov.br	INMETRO	Testing/Calibration ^{1,4}	2000
Canada	Canadian Association for Laboratory Accreditation Website: www.cala.ca	CALA	Testing ^{1,2}	2005
	Standards Council of Canada/Conseil canadien des normes Website: www.scc.ca	SCC	Testing/Calibration ^{1,2,4}	2000
People's Republic of China	China National Accreditation Service for Conformity Assessment Website: www.cnas.org.cn	CNAS	Testing/Calibration ^{1,2} ; Inspection (APLAC MRA); ISO 15189 (APLAC MRA); RMP (APLAC MRA)	1999; 2004; 2007; 2007
Costa Rica	Enta Costarricense De Acreditacion Website: www.eca.or.cr	ECA	Testing ^{1,4}	2007
Cuba	National Accreditation Body of Republica de Cuba Website: www.onarc.cubaindustria.cu	ONARC	Testing/Calibration ^{1,4}	2005
Czech Republic	Czech Accreditation Institute Website: www.cai.cz	CAI	Testing/Calibration; Inspection ^{1,3}	2000; 2008

NATA's Mutual Recognition Agreement (MRA) Network

Economy	Organisation	Acronym	Area/s Included	Year
Denmark	Dansk Akkreditering (Danish Agency for Trade and Industry) Website: www.danak.dk	DANAK	Testing/Calibration; Inspection ^{1,3}	1994 / 1995; 2008
Egypt	National Laboratories Accreditation Bureau Website: www.nlab.org	NLAB	Testing/Calibration ¹	2005
Estonia	Estonian Accreditation Centre Website: www.eak.ee	EAK	Testing/Calibration; Inspection ³	2004; 2008
Finland	Finnish Accreditation Service Centre for Metrology and Accreditation Website: www.finas.fi	FINAS	Testing/Calibration; Inspection ^{1,3}	1994 / 1995; 2008
France	Comité Français d'Accreditation Website: www.cofrac.fr	COFRAC	Testing/Calibration; Inspection ^{1,3}	1994 / 1995; 2008
Germany	Deutsche Akkreditierungsstelle Chemie GmbH (German Accreditation Body for Chemistry) Website: www.dach-gmbh.de	DACH	Testing ^{1,3}	1998
	Deutsches Akkreditierungssystem Prüfwesen GmbH (German Accreditation System for Testing) Website: www.dap.de	DAP	Testing; Inspection ^{1,3}	1994; 2008
	Deutscher Kalibrierdienst (German Calibration Service) Website: www.dkd.ptb.de	DKD	Calibration ^{1,3}	1995
	Trägergemeinschaft für Akkreditierung GmbH (now incorporating DATech) (German Association for Accreditation) Website: www.tga-gmbh.de	TGA	Testing; Inspection ^{1,3}	1994; 2008
Greece	Hellenic Accreditation System Website: www.esyd.gr	ESYD	Testing/Calibration; Inspection ^{1,3}	2004; 2008

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Hong Kong, China	Hong Kong Laboratory Accreditation Scheme Website: www.itc.gov.hk/hkas	HKAS	Testing/Calibration ^{1,2} ; Inspection (APLAC MRA); ISO 15189 (APLAC MRA)	1990; 2003; 2007
India	National Accreditation Board for Testing and Calibration Laboratories Website: www.nabl-india.org	NABL	Testing/Calibration; ^{1,2} ISO 15189 (APLAC MRA)	2000; 2008
Indonesia	Komite Akreditasi Nasional Website: www.bsn.or.id	KAN	Testing/Calibration ^{1,2} ; Inspection (APLAC MRA)	2001 / 2003; 2004
Ireland	The Irish National Accreditation Board Website: www.inab.ie	NAB	Testing/Calibration; Inspection ^{1,3}	1994 / 1995; 2008
Israel	Israel Laboratory Accreditation Authority Website: www.israc.gov.il	ISRAC	Testing/Calibration; Inspection ¹	2001; 2008
Italy	Sistema Nazionale per L'Accreditamento di Laboratori (National System for the Accreditation of Laboratories) Website: www.sinal.it Servizio di Taratura in Italia (Italian Calibration Service) Website: www.sit-italia.it Sistema Nazionale per l'Accreditamento degli Organismi di Certificazione e Ispezione (National System for the Accreditation of Certification and Inspection Bodies) Website: www.sincert.it	SINAL SIT SINCERT	Testing ^{1,3} Calibration ^{1,3} Inspection ³	1994 1995 2008
Japan	Japan Accreditation Board for Conformity Assessment Website: www.jab.or.jp	JAB	Testing/Calibration ^{1,2} ; ISO 15189 (APLAC MRA)	1998 / 2003; 2007

NATA's Mutual Recognition Agreement (MRA) Network

Economy	Organisation	Acronym	Area/s Included	Year
Japan (cont'd)	International Accreditation Japan Website: www.nite.go.jp/asse/iajapan/	IAJapan	JCSS ^{1,2} JCSS RMP (APLAC MRA) JNLA ^{1,2} ASNITE test ^{1,2} ASNITE cal ^{1,2} ASNITE RMP (APLAC MRA)	1999 2007 1998 2002 2002 2007
	Voluntary EMC Laboratory Accreditation Centre Website: www.vlac.co.jp	VLAC	Testing ¹	2003
Republic of Korea	Korea Laboratory Accreditation Scheme Website: www.kolas.ats.go.kr	KOLAS	Testing/Calibration ^{1,2}	1998 / 2001
Latvia	Latvian National Accreditation Bureau Website: www.latak.lv	LATAK	Testing/Calibration; Inspection ³	2002; 2008
Lithuania	Lithuanian National Accreditation Bureau Website: www.nab.lt	LA	Testing/Calibration; Inspection ³	2001; 2008
Malaysia	Standards Malaysia Website: www.standardsmalaysia.gov.my		Testing/Calibration ^{1,2,3} ISO 15189 (APLAC MRA)	2002 / 2003; 2007
Malta	National Accreditation Board – Malta Website: www.nabmalta.org.mt	NAB - Malta	Testing ³	2008
Mexico	Entidad Mexicana de Acreditación Website: www.ema.org.mx	ema	Testing/Calibration ^{1,2,4} Inspection (APLAC MRA); ISO 15189 (APLAC MRA)	2005; 2007

NATA's Mutual Recognition Agreement (MRA) Network

Economy	Organisation	Acronym	Area/s Included	Year
Netherlands	Raad voor Accreditatie - (Dutch Council for Accreditation) Website: www.rva.nl	RvA	Testing/Calibration; Inspection ^{1,3}	1993 / 1995; 2008
New Zealand	International Accreditation New Zealand Website: www.ianz.govt.nz	IANZ	Testing/Calibration ^{1,2} ; Inspection (APLAC MRA); ISO 15189 (APLAC MRA)	1981; 1999; 2007
Norway	Norsk Akkreditering Website: www.akkrediter.no	NA	Testing/Calibration; Inspection ^{1,3}	1994 / 1995; 2008
Philippines	Philippines Accreditation Office Website: www.bps.dti.gov.ph	PAO	Testing, Calibration ¹ ₂	2005
Poland	Polskie Centrum Akredytacji Website: www.pca.gov.pl	PCA	Testing/Calibration; Inspection ^{1,3}	2004; 2008
Portugal	Institutio Portuges de Acreditacao Website: www.ipac.pt	IPAC	Testing/Calibration; Inspection ^{1,3}	2006; 2008
Romania	Romanian Accreditation Association* Email: renar@renar.ro	RENAR	Testing ^{1,3}	2005
Singapore	Singapore Accreditation Council Website: www.sac-accreditation.org.sg	SAC	Testing/Calibration ^{1,2} ; Inspection (APLAC MRA); ISO 15189 (APLAC MRA)	1996; 2003; 2007

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Economy	Organisation	Acronym	Area/s Included	Year
Slovakia	Slovak National Accreditation Service Website: www.snas.sk	SNAS	Testing/Calibration; Inspection ^{1,3}	2001; 2008
Slovenia	Slovenian Accreditation Website: www.gov.si/sa/	SA	Testing/Calibration; Inspection ^{1,3}	2003; 2008
South Africa	South African National Accreditation System Website: www.sanas.co.za	SANAS	Testing/Calibration; Inspection ¹	1998; 2008
Spain	Entidad Nacional de Acreditacion Website: www.enac.es	ENAC	Testing/Calibration; Inspection ^{1,3}	1994 / 1995; 2008
Sweden	The Swedish Board for Accreditation and Conformity Assessment Website: www.swedac.se	SWEDAC	Testing/Calibration; Inspection ^{1,3}	1993 / 1995; 2008
Switzerland	Swiss Accreditation Service Website: www.sas.admin.ch	SAS	Testing/Calibration; Inspection ^{1,3}	1994 / 1995; 2008
Chinese Taipei	Taiwan Accreditation Foundation Website: www.taftw.org.tw	TAF	Testing/Calibration ^{1,2} , Inspection (APLAC MRA); ISO 15189 (APLAC MRA)	1997; 2005; 2007
Thailand	NSC – Office of the National Accreditation Council Website: www.thainac@tisi.go.th Department of Medical Sciences Website: www.dmsc.moph.go.th Department of Science Service Website: www.dss.go.th	NSC-ONAC DMSc DSS	Testing/Calibration ^{1,2} Testing ^{1,2} ; ISO 15189 (APLAC MRA) Testing ²	2001 2002; 2007 2006
Tunisia	Tunisian Accreditation Council Email: tunac@planet.tn	TUNAC	Testing/Calibration ³	2008

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Economy	Organisation	Acronym	Area/s Included	Year
Turkey	Turkish Accreditation Agency Website: www.turkak.org.tr	TURKAK	Testing/Calibration; Inspection ^{1,3}	2006; 2008
United Kingdom	United Kingdom Accreditation Service Website: www.ukas.com	UKAS	Testing/Calibration; Inspection ^{1,3}	1985; 2008
United States of America	American Association for Laboratory Accreditation Website: www.a2la.org	A2LA	Testing/Calibration ^{1,2,4} ; Inspection (APLAC MRA); RMP (APLAC MRA)	1990; 2006; 2007
	ANSI-ASQ National Accreditation Board LLC dba ACLASS Website: www.aiclasscorp.com	ACLASS	Testing/Calibration ^{1,2,4} ; RMP (APLAC MRA)	2006; 2008
	Laboratory Accreditation Bureau Website: www.l-a-b.com	L-A-B	Testing/Calibration ^{1,2}	2007
	International Accreditation Service, Inc. Website: www.iasonline.org	IAS	Testing/Calibration ^{1,2} ; Inspection (APLAC MRA)	1999/2005; 2004
	National Voluntary Laboratory Accreditation Program Website: www.nist.gov/nvlap	NVLAP	Testing/Calibration ^{1,2}	1982
Vietnam	Bureau of Accreditation Website: www.boa.gov.vn	BoA/VILAS	Testing/Calibration ^{1,2} ; Inspection (APLAC MRA)	2000; 2004
Australasia	Joint Accreditation System – Australia and New Zealand	JAS-ANZ	Inspection ²	2006

1. party to the global ILAC Arrangement
2. party to the APLAC (Asia Pacific Laboratory Accreditation Cooperation) multilateral MRA
3. party to the EA (European cooperation for Accreditation) multilateral MLA
4. party to the IAAC (Interamerican Accreditation Cooperation) multilateral MLA