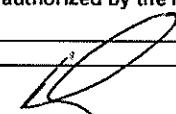


Supplier Declaration of Conformity (SDoC)

In accordance with ISO/IEC 17050-1:2004

SDoC identification Number(1) - AS/NZS 5033 PV1-F Qualified to TUV 2pfG 1169	
Issuer details	
Name (2) (of New Zealand manufacturer or importer)	Contact Address
Tycab New Zealand Limited	102A Carbine Road Mt Wellington Auckland 1644 New Zealand
New Zealand Company Number (if applicable)	
498479	
Telephone	Fax
(09) 573 1990	(09) 573 1006
Email address	
info@tycab.co.nz	
Medium Risk Article – Details (3) (Product name, type, rating, brand, model, batch numbers, and serial numbers, as applicable)	
PV1-F Solar Cable Single Core and Twin Core Double Insulated. Halogen Free Insulation and Sheath. Conductor sizes range from 2.5mm ² to 16mm	
The medium risk article listed above, fully complies with the standard(s), as listed:-	
Standard number & issue year:- AS/NZS 5033:2012	
Standard Title:- Installation and safety requirements for photovoltaic (PV) arrays	
Edition / Amendment status:- Published 16/07/2012	
Or complies with the Conformity Cooperation Agreement –Yes / No (Delete as applicable)	
Names and addresses of any testing organisation or body	
Name(s)	Address(es)
TUV Rheinland LGA Products GmbH	Tillystrabe 2 90431 Nurnberg Germany
Reference to relevant test reports/certification, and issue date of the reports/certification, that show how compliance is achieved:-	
Report/Certification N°(s)	Issue date(s)
Certificate Number 50163227	27/04/2010
Certificate number B 13 08 855520 001	07/08/2013
Reference to any management systems involved:-	
Additional (4) information	
Declaration	
I hereby declare that the above specified fittings or electrical appliances comply with the requirements of Regulation 83 of the Electricity (Safety) Regulations 2010	
Issuer Identification: (as affixed to the article)	TYSOLA PV1-F TUV 2 pfG 1169 1.8kV DC UV Stable DC Use Only
Signed for and on behalf of:	Tycab NZ Limited
Name (5) & position, as authorized by the issuer	Paul Lash, General Manager
Signature	Date
	16 th October 2013

1. Every declaration of conformity should be uniquely identified.
2. The responsible issuer must be unequivocally specified.
3. The "Article" must be unequivocally described so that the declaration of conformity may be related to the article in question. For mass produced products, it is not necessary to give individual serial numbers. Where variants of an article are to be covered, these must be detailed.
4. Text should appear here only if any limitation on the validity of the declaration of conformity and/or any additional information are given.
5. Full name and function of the signing person(s) authorised by the issuer's management to sign on its behalf should be given. The number of signatures, or equivalent, included will be the minimum determined by the legal form of the issuer's organization.

Continuing validity of the declaration of conformity

The issuer of the declaration of conformity shall have procedures in place to ensure the continued conformity of the medium risk article, as delivered or accepted, with the stated requirements of the declaration of conformity. The issuer of the declaration of conformity shall have procedures in place to re-evaluate the validity of the declaration of conformity, in the event of:-

- a) changes significantly affecting the article design or specification,
- b) changes to the standards which conformity of the article is stated,
- c) changes in the ownership or structure of management of the supplier,
- d) if relevant, or relevant information indicating that the article may no longer conform to the specified requirements.

Additional information regarding the declaration

"Issuer Identification" as affixed to the article:- this marking should identify the issuer of the SDoC and may be for example in the form of a NZ GST N°, NZ Company N°, Unique NZ brand name or trademark, or SCN issued by Radio Spectrum Management (this number can be used, even if a C-tick is not required for the article), etc. Failure to mark a product with such unique identification may result in the issuer being held responsible for compliance of an article that may not have been supplied by the issuer, unless the issuer can prove otherwise! This is particularly relevant where the same or very similar model is or may be imported or manufactured, by other NZ suppliers.

A copy of the SDoC and test report(s) (certification) and/or other supporting compliance documentation must be available, if the supporting compliance documentation is not available directly from issuer, the name and address of from where it can be obtained from, must be provided by any supplier within the New Zealand supply chain. (Note: A copy of the SDoC and supporting documentation must be available within 10 working days after being asked to do so, by Energy Safety, a purchaser, or other consumer, of the article declared).

A person who sells or offers for sale, a declared medium risk article commits an offence, if at the time of sale or offer to sell, a valid declaration of conformity for the article has not been made, or the person cannot provide a copy of the declaration of conformity, along with the required supporting documentation, within the timeframe allowed. Penalties associated with a grade A offence are fines, not exceeding \$10,000 for an individual or \$50,000 for a body corporate (company) if successfully prosecuted, or a fixed infringement fee, of \$1,000 for an individual or \$3,000 for a body corporate (company).

Listings of the current regulatory definitions for electrical equipment deemed to be medium risk articles, can be found at: <http://www.energysafety.govt.nz/templates/MultipageDocumentTOC24889.aspx> within the Energy Safety website; <http://www.energysafety.govt.nz>

This form can be edited to increase any text box size, in order to insert more detail, than the current space allows, if required.

This is an example ISO/IEC 17050-1 form for a recognised declaration of conformity; any other form complying with the requirements of ISO/IEC 17050-1:2004, may be used instead, for the purpose of Electricity Regulation 83.

Nothing prevents this form being extended to act as an SDoC, for other regulatory purposes.

**THIS COMPLETED FORM REMAINS WITH THE ISSUER AS PART OF THE DOCUMENTATION
REQUIRED AS EVIDENCE OF COMPLIANCE
DO NOT SUBMIT A COPY OF THIS FORM TO ENERGY SAFETY, UNLESS SPECIFICALLY
REQUESTED TO DO SO**