Transition to ISO 9806:2017

Ultrashort presentation for the Cyprus Meeting

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HOCHSCHULE FÜR TECHNIK
RAPPERSWIL

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Introduction

- ISO 9806:2017 is published
- ISO 9806:2017 was developed with the aim of minimum contradictions, maximum forwardcompatibility and backwardcompatibility, and broadest scope possible.
- Almost all results of tests based on previous ISO 9806 versions can be recalculated to the new 2017 version. If we have a new datasheet, also older results can be recalculated to fit to the new format.
- Some small transitional definitions must be made.
 Example: Last Version the exposure was 30h, now 32h.
 SKN has to decide that 30h is ok until accreditation is updated
- How long will it take to prepare a new version of the data sheet?





Introduction

- How long will it take for laboratories to update their accreditation to the new standard?
 - ->>> Depending on accreditation body.
 - ->>> RECOMMENDATION: Remove year in your accreditation!
- How long will it take to prepare a new version of the data sheet?
 - ->>> Should be almost no-time (except for design reasons)
 - ->>> Calculations are the same as now. Very small modifications in the calculation required. (for example a_8 , u', SRC)
 - ->>> Same calculation for SS and QD ← Things are simplified





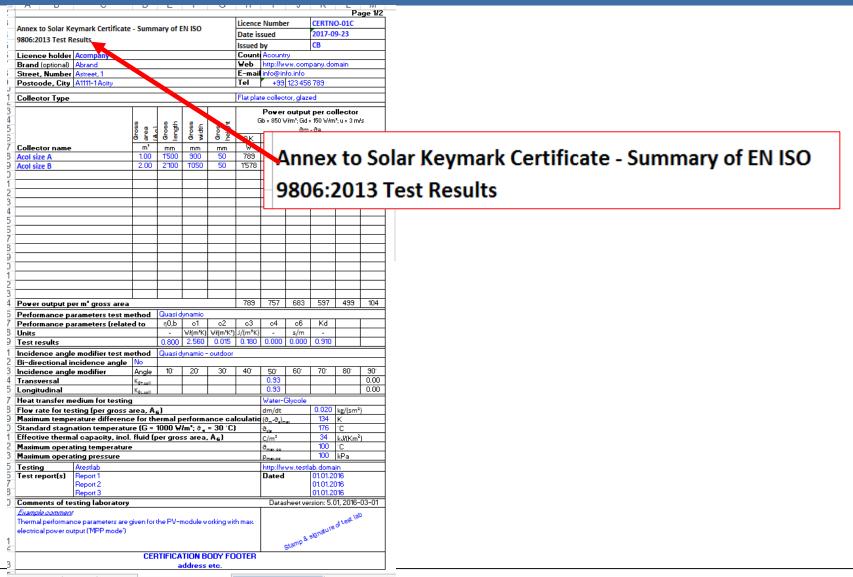
Proposal

- New datasheet shall be elaborated and established asap.
 Then: No transition period "visible" in the datasheets.
 The "administrational" act of adjusting the accreditation has to be done of course as required, but no need to make it visible to anybody and no need to delay anything.
- Someone has to suggest some transitional rules. (Small WG)
 - Exposure times & climate classes
 - Else?

All new certificates shall be issud using the new datasheet asap.



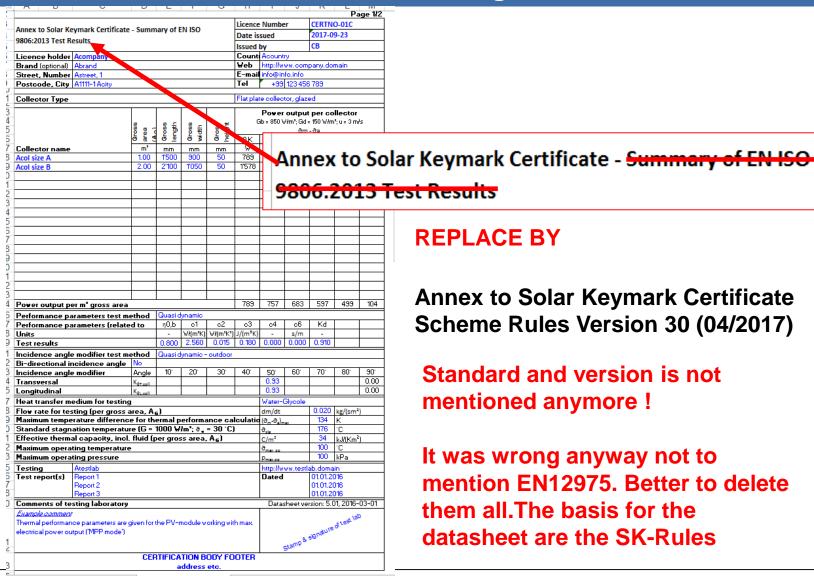








Datasheet: What needs to be changed? PROPOSAL



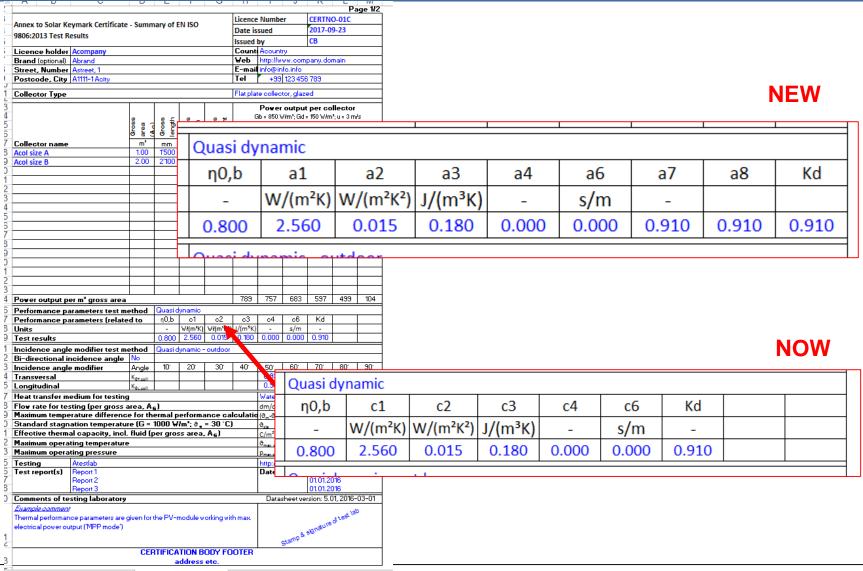
REPLACE BY

Annex to Solar Keymark Certificate Scheme Rules Version 30 (04/2017)

Standard and version is not mentioned anymore!

It was wrong anyway not to mention EN12975. Better to delete them all. The basis for the datasheet are the SK-Rules



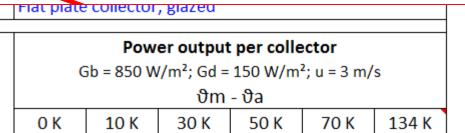




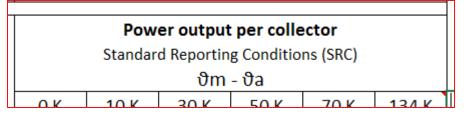


					Licence	Numbe	r	CERTN		ge 1/2	
Annex to Solar Keymark Certificate - Summary of EN ISO 9806:2013 Test Results					Date issued			2017-09-23			
					Issued			CB			
Licence holder Acompany							nu .	CD			
Brand (optional) Abrand						Count Acountry Web http://www.company.domain					
Street, Number Astreet, 1					E-mail info@info.info						
Postcode, City A1111-1 Acity					Tel		123 456	789			
					let						
Collector Type					Flat pla	te collec	tor, glaze	ed			
					Power output per collector						
	8 2 8 4 8 4 8 4				Gb = 850 W/m²; Gd = 4/m²; u = 3 m/s						
	Gross area	Gross	Gross	Gross	0K 10K 30K				70 K	W	
	m'				W	W	JUK W	50 K	70K	W	
Collector name Acol size A	1.00	mm 1'500	mm 900	mm 50	789	757	683	597	499	104	
Acol size B	2.00	2'100	1'050	50	1'578	1'513	1'365	1193	997	209	
					1	12.2					
		-			-				-		
		_			_						
		-			 				—		
Power output per m³ gross area					789	757	683	597	499	104	
Performance parameters test me	thod	Quasi d	lynamic								
Performance parameters (relate		η0,Ь	c1	o2	с3	c4	c6	Kd			
Units		-		Wł(m³K³)		-	s/m	-			
Test results		0.800	2.560	0.015	0.180	0.000	0.000	0.910			
Incidence angle modifier test me		Quasi d	lynamic -	outdoor							
Bi-directional incidence angle	No										
Incidence angle modifier	Angle	10"	20'	30.	40'	50"	60.	70'	80.	90'	
Transversal	K _{et.coll}	_			_	0.93			_	0.00	
Longitudinal	K _{BLcoll}						<u> </u>			0.00	
Heat transfer medium for testing Flow rate for testing (per gross area, A ₆)						Water-Glycole dm/dt 0.020 kg/(sn				1	
Flow rate for testing (per gross area, M ₆) Maximum temperature difference for thermal performance calculates the state of the state						dm/dt (ə-ə)		134	kg/(sm²) K		
Standard stagnation temperature						O _m -O _{s/max}		176	rc		
Effective thermal capacity, incl. fluid (per gross area, A ₆)						C/m ²		34	kJ/(Km²)		
Maximum operating temperature						∂ _{mex oo}		100	·C		
						Pmex.co		100	kPa		
Maximum operating pressure							ww.testla	ab.doma	in		
		Test report(s) Report 1						01.01.2016			
Testing Atestlab Test report(s) Report 1				Report 2					016		
Testing Atestlab Report 1 Report 2											
Testing Atestlab Test report(s) Report 1 Report 2 Report 3						<u></u>		01.01.2			
Testing Atestlab Test report(s) Report 1 Report 2 Report 3 Comments of testing laboratory						Datas	sheet ve	sion: 5.0	01.2016-	03-01	
Test report(s) Report 1 Report 2 Report 3 Comments of testing laboratory Example comment	jiven for	the PV-r	nodule w	orking wit	h max.	Datas	heet ve	sion: 5.0	01.2016-	03-01	
Testing Atestlab Test report(s) Report 1 Report 2 Report 3 Comments of testing laboratory	jiven for	the PV-r	nodule w	orking wit	h max.	Datas	sheet ve	sion: 5.0	01.2016-	03-01	
Testing Atestlab Test report(s) Report 1 Report 2 Report 3 Comments of testing laboratory Example comment Thermal performance parameters are g	jiven for I	the PV-r	nodule w	orking wit	h max.	Datas	sheet ver	sion: 5.0	01.2016-	03-01	
Testing Atestlab Test report(s) Report 1 Report 2 Report 3 Comments of testing laboratory Example comment Thermal performance parameters are g				orking wit		Datas	sheet ver	sion: 5.0		03-01	

NOW



NEW









The rest is the same

© READY in 24h ? ©

