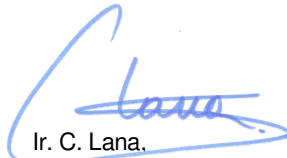
 005-PROD			
Unit Certificate		No: 614071/04 Signed Copy No.1			
Manufacturer		SMA Solar Technology AG. Sonnenallee, 1. 34266. Niestetal. Germany.			
Type of generating unit		Solar Inverter	Sunny Tripower STP TL series		
		Model	15000TL-30	17000TL-30	20000TL-30
Technical Data		Rated Active Power	15 kW	17 kW	20 kW
		Rated Apparent Power	15 kVA	17 kVA	20 kVA
		Rated Voltage	150 - 800 Vdc 220/230/240 Vac		
		Nominal Frequency	50/60 Hz		
		Firmware version	2.80.06.R		
Validated model		SMASTP-TL A9.pfd			
Network connection rule		BDEW Guideline "Generating plants connected to the medium-voltage network" Guideline for generating plants connection to and parallel operation with the medium-voltage network, June 2008 issue and adaption's dated 01/2009, 07/2010, 02/2011 and 01/2013.			
Other applicable standards / guidelines		FGW-Richtlinie TR 3 Rev.23, FGW-Richtlinie TR 4 Rev. 6 und FGW-Richtlinie TR 8 Rev.6.			
<p>The above-mentioned generating unit complies with the requirements of the BDEW Guideline "Generating units connected to the medium-voltage network", June 2008 issue and adaption's dated 01/2009, 07/2010 and 02/2011.</p> <p>This certification according to ISO/IEC 17065 has been issued on basis of the certification procedure of SGS.</p> <p>The PGU can fulfill the demands made by the grid connection regulation without additional device.</p> <p>The manufacturer has furnished evidence of the certification of its quality management system according ISO 9001.</p>					
The certificate has been issued taking into account the following information: <ul style="list-style-type: none"> • Technical data of the generating unit, the auxiliary equipment used and of the software version applied • Schematic representation of the generating unit's structure • Summed-up information about the generating unit's characteristics 					
<p>The certificate is valid until : 2020-01-14</p> <p>Place, Date : Brussels, 2016-12-05</p> <div style="text-align: right;">  Ir. C. Lana, Certification Manager </div>					