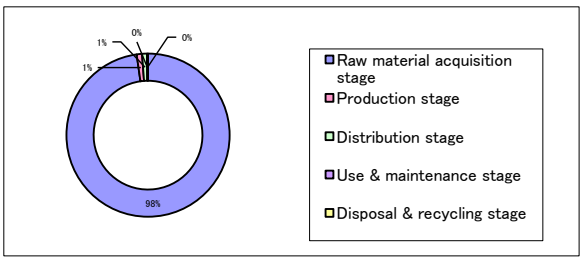
Registration information of Carbon Footprint of Products

1. Product information			
1.1	Registration number	CR-EA02-16001-E	1.7 Product photo
1.2	Registration name	CITIZEN L (bezel type)	
1.3	Model name / number	EM0327-50D, EM0328-57P, EM0327-84A,EM0338-88D, EM0339-85D, EM0338-88E, EM0476-84Y,EM0473-82Y, EM0473-82D, EM0470-81Y,EM0640-91D,EM0648-81N、EM0823-58D ,EM0820-56N,EM0586-51Y,EM0580-58N	
1.4	Main specifications of product	● C as e size : 29.8～31.5mm ● Materials of watch case/ bracelet : Stainless steel ● Crystal : Sapphire Crystal ● Movement : Eco-Drive, continues running - even in total darkness - for approximately 6 month ● Waterproof：WATER RESISTANT 5BAR ● Accuracy ： ±15sec /months	
1.5	CFP quantification unit	1 product	
1.6	CFP release date	18th March 2016	

2. Company Information		
2.1	Company name (in English)	Citizen Watch co., ltd.
2.2	Phone number (incl. area code)	042-468-4694

3. CFP quantification results, and description of CFP declration			
3.1	CFP quantification results	8.4	kg-CO_2e
3.2	Breakdown (by life cycle stage, by process, by flow, etc.)		
	Raw material acquisition stage	8.25	kg-CO_2e
	Production stage	0.089	kg-CO_2e
	Distribution stage	0.083	kg-CO_2e
	Use & maintenance stage	0	kg-CO_2e
	Disposal & recycling stage	0.016	kg-CO_2e
3.3	Value in CFP mark and description of additional info.		
	Value in CFP mark	<Numerial value>	<Unit for the value>
		8.4kg	1 product
	Description of additional info.		
3.4	Remarks		

4. Interpretation of CFP quantification results		◎	■Use & maintenance stage
4.1	Interpretation of CFP quantification results	・At about 98%, the load at the raw material acquisition stage is very high. This is due to the heavy load associated with stainless steel and copper alloys parts and their processing. The selection of raw materials and the improvement of processing methods are thus both crucial. ・The amount of Co2 emissions is low at a distribution stage due to transporting the large quantities of watches at all one. ・The amount of Co2 emission at the usage / maintenance stage is 0.There is no need to replace batteries due to loading a solar cell into this product. ・We calculate that the band is made of metal.In the case of leather bands, the amount of Co2 is about 2kg lower. ・When calculating the CFP, we use in-house data for the quantities of raw materials used. Collecting data for many of the components is, however, difficult. For that reason, the data for raw material generation is based on typical values for our processes. As a result, the data sometimes does not reflect the characteristics of this specific product. Kindly understand that, for the above reasons, these results are estimates.	

5. Conditions of quantification					
5.1	Name of approved CFP-PCR	Watch【No.2】	5.2	Approved CFP-PCR ID	PA-EA-02
5.3	Assumptions of secondary data used	asic data v.1.01 is preferertially used, supplemented with available data (domestic) ver.1.04.			

6. Verification information					
6.1	Verification method	Product-by-product	6.2	CFP system certification No.	(Not required for product-by-product method)
6.3	Verification ID	CV-EA02-19001	6.4	Completion date of verification	6th March 2019

7. Program information					
7.1	Program name	Carbon Footprint Communication Program	7.2	Web site	http://www.cfp-japan.jp/
7.3	Program operator	Japan Environmental Management Association for Industry (JEMAI)	7.4	Address	2-1, Kajicho 2-chome, Chiyoda-ku, Tokyo 101-0044

8	Remarks	5th September 2019 Additional number EM0823-58D,EM0820-56N,EM0586-51Y,EM0580-58N (New color on the dial) 21th March 2019 Additional number EM0648-81N (Photo replacement/Change of representative example) 1st September 2018 Additional number EM0666-89D (Photo replacement/Change of representative example) 23th March 2018 Addition some numbers and Photo replacement 1st September 2017 Deletion some numbers

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