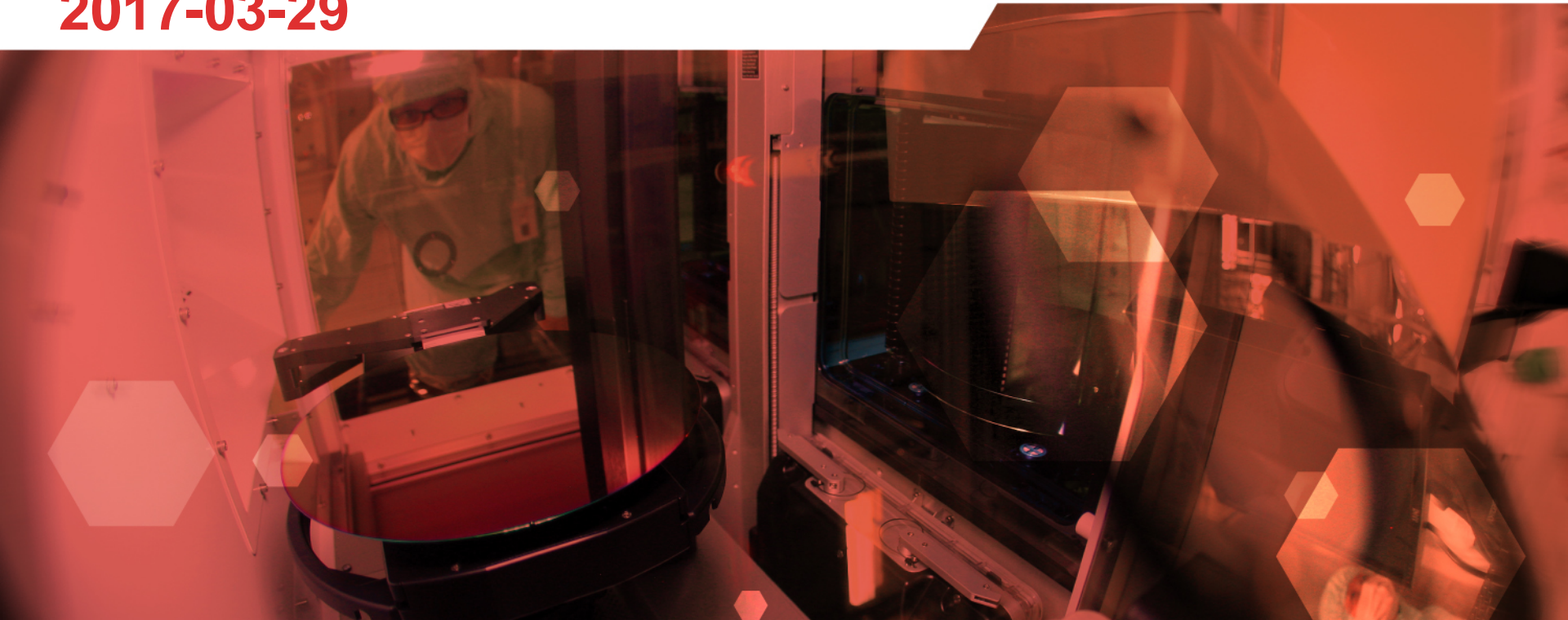


# SEMI China PV Std. Technical Committee PV Silicon Raw Materials Task Force

Liu Xiaoxia

2017-03-29



## Leaders of PV Silicon Raw Materials Task Force

No.	Name	Company	Industry Chain
1	Xiaoxia Liu	GCL	Silicon
2	Li He	CPVT	Others/Testing
3	Dongxu Chu	SINOSICO	Silicon

Note: Industry Chain: Silicon/ Wafer/ Cell/ Module/ System/ Equipment/ Material/ Others

# Members of PV Silicon Raw Materials Task Force

No.	Name	Company	Industry Chain
1	Xiaoxia Liu	GCL	Silicon
2	Li He	CPVT	Other/Testing
3	Dongxu Chu	SINOSICO	Silicon
4	Wenfeng Lu	GCL	Silicon
5	Yiyun Hu	GCL	Silicon
6	Taoxia Wang	GCL	Silicon
7	Jun Bao	CPVT	Other/Testing
8	Wei Jiang	CPVT	Other/Testing
9	Meijun Wang	CPVT	Other/Testing
10	Dan Liu	GCL	Silicon
11	Shu Chen	GCL	Silicon
12	Jun Yang	CPVT	Other/Testing
13	Minxiu Xu	CPVT	Other/Testing
14	Binbin Ding	CPVT	Other/Testing

Note1: Industry Chain: Silicon/ Wafer/ Cell/ Module/ System/ Equipment/ Material/ Others

Note2: Different Industry Segment should be showed in different background colors

# Members of PV Silicon Raw Materials Task Force

No.	Name	Company	Industry Chain
15	Xiaoli Wu	CPVT	Other/Testing
16	Yuanyuan Zhang	SINOSICO	Silicon
17	Junying Cao	SINOSICO	Silicon
18	Cunlian Xia	SINOSICO	Silicon
19	Gui'e Chen	SINOSICO	Silicon
20	Liming Chen	SIMT	Other/Testing
21	Yabin Feng	CESI	Other/Testing
22	Haiyan Luo	FJL	Other/Testing
23	Hongyong Ao	LDK	Silicon
24	Shaowu Sun	LDK	Silicon
25	Bo Yin	TBEA	Silicon
26	Gaojie Song	TBEA	Silicon

Note1: Industry Chain: Silicon/ Wafer/ Cell/ Module/ System/ Equipment/ Material/ Others

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# Members of PV Silicon Raw Materials Task Force

No.	Name	Company	Industry Chain
27	Yanmei Qiu	TBEA	Silicon
28	Guoxia Liu	TBEA	Silicon
29	Bin Huang	TBEA	Silicon
30	Xiecheng Fan	TBEA	Silicon
31	Hong Liang	Leshan Zhijian	Other/Testing
32	Bing Liu	Suzhou Crystal Clear Chemical Co.,Ltd/	Material
33	Senlin Qian	Suzhou Crystal Clear Chemical Co.,Ltd	Material
34	Ning Li	Zhejiang Jinko Solar Co., Ltd.	Wafer
35	Guiyun Xiao	Jinko Solar Co., Ltd	Wafer
36	Xuenan Zhang	Huan'ou ,Tianjin	Wafer
37	Longfei Gong	GCL	Wafer
38	Taoyun Xiao	TRINASOLAR	Module

Note1: Industry Chain: Silicon/ Wafer/ Cell/ Module/ System/ Equipment/ Material/ Others

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# Standards had been published

## **PV50-0114**

New Standard: *SPECIFICATION FOR IMPURITIES IN POLYETHYLENE PACKAGING MATERIALS FOR POLYSILICON FEEDSTOCK.* (多晶硅用聚乙烯包装材料规范)

## **PV59-0115**

New Standard: *Test Method for Determining of total carbon content in silicon powder by infrared absorption after combustion in an induction furnace*(感应炉内燃烧后红外吸收法测定硅粉中总碳含量的测试方法)

# Standards had been published

## **PV64-0115**

New Standard: *Test Method for Determining B, P, Fe, Al, Ca Contents in Silicon Powder for PV Applications by Inductively-Coupled-Plasma Optical Emission Spectrometry* (电感耦合等离子体发射光谱法测定光伏用硅粉中硼、磷、铁、铝、钙的分析方法)

## **PV73-0216**

New Standard: *Test Method for the Measurement of Chlorine in Silicon by Ion Chromatography*. (硅中氯离子离子色谱分析方法)

## Documents in Work

### SNARF *Submitted by* CPVT / GCL

New Standard: Test Method for determination of hydrogen in PV polysilicon by inert gas fusion infrared absorption method

### SNARF *Submitted by* GCL / SIMT

New standard: Specification for trichlorosilane used in polysilicon production

A Task Force teleconference was held about SNARFs “Specification for trichlorosilane used in polysilicon production ” and “New Standard: Test Method for determination of hydrogen in PV polysilicon by inert gas fusion infrared absorption method ” on the 27th Feb. 2017. And the two SNARFs were all passed by unanimous vote in PV Silicon Raw Materials Task Force.



# Progress on the Documents

Content	When
Task Force teleconference about 2 SNARFs	Feb. 2017
Vote for 2 SNARFs in Task Force	Feb. 2017
SNARFs two weeks review by SEMI global experts	Mar. 2017
New SNARFs Application in SEMI China PV & PV Materials Standards Committee Joint Meeting	Apr. 2017

## TF Work Plan for the Next Step

Content	When
Specification for trichlorosilane used in polysilicon production Activity Start	Apr,2017
Specification for trichlorosilane used in polysilicon production 1 <sup>st</sup> Draft	Sep,2017
Specification for trichlorosilane used in polysilicon production Letter Ballot	Dec. 2017
Specification for trichlorosilane used in polysilicon production TC Chapter Approval	Aug,2018

# TF Work Plan for the Next Step

Content	When
New Standard:Test Method for determination of hydrogen in PV polysilicon by inert gas fusion infrared absorption method Activity Start	Apr. 2017
New Standard:Test Method for determination of hydrogen in PV polysilicon by inert gas fusion infrared absorption method 1 <sup>st</sup> Draft	Sep,2017
New Standard:Test Method for determination of hydrogen in PV polysilicon by inert gas fusion infrared absorption method Letter Ballot	Dec. 2017
New Standard:Test Method for determination of hydrogen in PV polysilicon by inert gas fusion infrared absorption method TC Chapter Approval	2018

**THANK YOU**