



ISO/TC 197
Hydrogen technologies

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WG 26 report for plenary 2015-12 v2

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Background: This is a presentation from the 2015 plenary meeting in California.

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TC197 Plenary, Torrance, CA, USA

WG26

**NP 22734 Hydrogen generators using
water electrolysis process**

Report 2015.12.03

Scope/Work plan

Target dates

Issues or Obstacles

Outcomes

NP22734 approved 2015.10.14



Scope / *Draft Work Plan*

Scope of deliverable product standard:

- *Harmonize, Add Alkaline Exchange Membrane to Scope (NWIP)*

TG 1: **Harmonize prior Part 1 (industrial) with prior Part 2 (residential)**

- *Application-specific requirements (Industrial, Residential) organized into separate subchapters to make separate parts clear*

TG 2: **Update normative standards, directives**

- *Incorporate general language from IEC 60204 Clause 4.2 to broaden Electrical Equipment conformity in section 6.2.1, add high power standards*
- *Move Table 1 to informative annex*

TG 3: **Update design, documentation, and test requirements**

- *Follows TG1 and TG2 Harmonized draft activity*

WG26 Target dates

36 month default schedule:
(Use 'Project Portal' to plan!)

2015.10.14 NP 22734 registered
2015.12.01 Initial meeting
2016 WG prepares WD
2017 WG prepares CD
2017.10 DIS registered
2018.03 DIS ballot closes
2018.10 IS published (target)

Default		
M	Stage	10.99
1	Preparation of WD and CD	20
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24		
25	Translation	40
26	DIS ballot	↓
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30	Comment resolution - preparation of text for publication	↓
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Outcomes of 1st WG26 meeting



- Harmonized Scope drafted by WG
- Definitions of ‘residential’ vs. ‘commercial’
 - WG to address a gap for apartment building deployed systems
- Experts :
 - Japan will nominate an additional expert soon
 - Call for experts in electrical safety to work on TG2 to expand guidance in new informative annex
 - Call for experts in alkaline membrane technology
- Schedule and work plan actions:
 - Target first WD to WG by March 2016, review end April 2016
 - Next FtF meetings June, Dec 2016, tbd location

Issues or Obstacles



- Thanks to WG members for good start to work
- Call for Experts for normative review
- Call for Experts from regulatory/NB sector
- Invite all P members to provide experts

Safety and certification are priority for this revision