

Newsletter

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ICR



Hot Issue

1. Management System Certification
Non-Face-To-Face Audit Services
2. Latest Medical Device Standard Status
3. SEMI S2-2018^E §24 & §25 Radiation
protection about semiconductor

manufacturing equipment



Management System

Certification Non-Face-To-Face Audit Services



- The demands for non-face-to-face audit and education due to the COVID-19 pandemic
- The situations in which remote audit can proceed may be as follows:
 - 1) In the event of economic and social problems caused by public health threats
 - 2) In the event of a global epidemic
 - 3) In the case of geopolitical tension
 - 4) In case of exposure to dangerous situations due to terrorist threats
 - 5) In case on-site audit is not possible due to physical location restrictions
 - 6) In case of exposure to the environment where on-site audit cannot be conducted.

Management System Certification Non-Face-To-Face Audit Services



- Non-face-to-face audit is to address the risks of various situations in which the on-site audit cannot be conducted and to ensure that the certification is maintained continuously by enabling audit anywhere regardless of the client's location.
- ICR is constantly striving to keep up with the COVID-19 era and the evolution of new technologies.



☎ Inquiries

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Latest Medical Device Standard Status



■ There was an **update to the medical device-related standard** in IECCE.

■ As for the Two updated standard have been issued.

(New standard status)

Standard No.	Date	Standard	Status
IEC 60601-2-65 ed1.2	2021-05	Dental intraoral X-ray equipment	Published
ISO 80601-2-87 ed1.0	2021-04	High frequency ventilator	Published

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SEMI S2-2018^E §24 & §25

Radiation protection about semiconductor manufacturing equipment

- SEMI S2-2018^E provides criterion for **ionizing & non-ionizing radiation** for semiconductor manufacturing equipment that generates radiation or uses radiation sources.
- The purpose is to minimize accessible emissions of ionizing & non-ionizing radiation of semiconductor manufacturing equipment.

< Categories of ionizing and non-ionizing radiation >

Ionizing radiation	Non-ionizing radiation
X-ray	Static electric & magnetic
Gamma-ray	Sub ratio frequency electric & magnetic
	Radio frequency
	Optical radiation

SEMI S2-2018^E §24 & §25

Radiation protection about semiconductor manufacturing equipment



< gamma-ray meter >



< UV light meter >



< magnetic meter >



< Field meter >

■ The **ICR** can measure the **level of radiation** about semiconductor manufacturing equipment that emit ionizing & non-ionizing radiation, and **evaluate** the measured radiation levels about appropriate the emission limits required by SEMI S2-2018^E.

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