Water is the foundation of semiconductor production and a key part of JCET development and manufacturing process. As a leader in the chip packaging industry, JCET has been committed to water resource protection, lowering water

- JCET Shanghai Automotive Co.,Ltd.(JSAC);
- SanDisk Semiconductor(Shanghai)Co.,Ltd.(SDSS)

For

actively explores new technologies and methods for water conservation.

■ Water Intake

Company mainly takes water from municipal water supply. Considering that water resources are equally important to communities and ecosystems where each factory is located. Company will assess the rationality of water demand in combination with the water use situation of each plant to ensure that water intake does not affect local water resources and water safety. At the same time, company focuses on areas with high risk of water pollution, and regularly conducts purification treatment and water quality monitoring for water intake to reduce water intake risks.

■ Water Discharge

GB21900-2008

GB18918-2002

The wastewater of JCET mainly comes from industrial wastewater and domestic wastewater. The industrial wastewater mainly consistent of heavy metal and grinding wastewater, which are discharged up to standard after treatment. The wastewater generated in the Chinese factories is discharged into the municipal sewage pipe network after being treated in the internal WWTP, which meets the standards specified in the Discharge Standard of Pollutants for Electroplating Industry (GB21900-2008) and the Discharge Standard of Pollutants for Urban Sewage Treatment Plants (GB18918-2002). For overseas factories, in the daily production and operation, local laws and regulations related to environmental protection have also been carefully implemented, and wastewater treatment facilities have been built, online water quality detection systems have been installed, and the concentration indicators of wastewater discharge have been connected with the government related institution.

■ Water Management

Company is committed to lowering water demand of its own operation and improving the comprehensive utilization efficiency of water resources, mainly including:

Comply with water related requirements, applicable standards and permits in local environmental laws, regulations and policies;

Strengthen the management of water supply and drainage, water saving management and pipe network maintenance;

Create environment-friendly production processes, introduce advanced cleaner production technologies, and reduce water consumption;

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Actively carry out and invest in water-saving projects, adopt water-saving infrastructure, and encourage the reuse and recycling of wastewater;

Provide environmental protection related training for employees and encourage them to contribute to water resource management.

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RBA

Company follows the uniform code of conduct of the Responsible Business Alliance (RBA), including the environmental responsibility standards for suppliers. For this purpose, the company conducts water pressure assessment and combines the water use situation of each factory to guide and advocate responsible water use in the supply chain, mainly including:

■ ISO14001

It is required that the material suppliers that form part of the products should obtain the certification of the latest version of ISO 14001 Environmental Management System, and ensure proper environmental control measures has been taken for compliance of discharge water.

■ EHS

Require the core suppliers to evaluate and disclose their water risks and water footprint, the corporate EHS identifies core suppliers in areas with high water risks;

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Encourage suppliers to form top-level environmental protection strategies, policies and processes, and develop water use and water-saving goals;

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Cooperate with suppliers to carry out environmental information communication

Regularly monitor and disclose the water footprint, including water intake and drainage data and water saving data;

- Regularly pay attention to and collect information about local water resources, and strengthen communication with local community stakeholders;