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**INDUSTRY STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

CJ/T 410-2012

**Oil seperating and upgrading integrative equipment
(English Translation)**

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Foreword

This standard was drafted in accordance with the rules given in GB/T 1.1-2009.

This standard proposed by the Ministry of Housing and Urban Standard and Design Institute.

This standard by the Ministry of Housing and Urban Water Supply and Drainage Standardization Technical Committee building centralized.

1 Scope

This standard specifies the model, structure and parameters, requirements, test methods, inspection rules, marking, packaging, transportation Lose and store etc.

This standard applies to a single treatment of water 7m³/h ~ 70m³/h of food waste water treatment equipment to enhance oil separation and upgrading.

2 Normative references

The following documents for the application of this document is essential. For dated references, only the dated version applies to this article Pieces. For undated references, the latest edition (including all amendments) applies to this document.

GB/T 191 Packaging - Pictorial signs GB 755 rotating motor quotas and performance GB/T 3091 low pressure fluid delivery welded steel pipe GB/T 3280 stainless steel cold-rolled steel sheet and strip GB/T 3797 electrical control equipment GB/T 5657 centrifugal pump technical conditions (Class III) GB/T 7134 cast industrial plexiglass sheet GB/T 9969 Industrial Products Manual General GB/T 10067.1 Basic conditions of electric heating apparatus - Part 1. General part Water quality - Determination of suspended solids - Gravimetric method GB/T 12232 common valve flange connection iron gate valve GB/T 12238 common valve flange and the butterfly valve connected to the folder GB/T 14436 Industrial product assurance documents General CJ 343 sewage discharged into the town sewer water quality standards CJ/T 3038 submersible sewage pump HJ554 catering industry environmental protection technical specifications HJ637 Water quality - Determination of petroleum and animal oils and fats - Infrared spectrophotometry JB/T 7756.2 O-rings for mechanical seals JB/T 8097 pump vibration measurement and evaluation methods JB/T 8098 pump noise measurement and evaluation methods

3 Conditions of use

Oil separation and upgrading of integrated equipment (hereinafter referred to as equipment) for drinking water, water temperature should meet the following requirements.

- a) The density of animal and plant oils contained in food waste water is $0.90\text{g/cm}^3 \sim 0.95\text{g/cm}^3$;
- b) oil content is less than or equal to 300mL/L ;
- c) Suspension (SS) concentration less than or equal to 285mg/L ;
- d) Restaurant waste water temperature above $5\text{ }^{\circ}\text{C}$.