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INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

SN/T 3291-2012

General requirements for heat treatment

热处理通用要求

(English Translation)

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Foreword

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

This standard is proposed and managed by the National Certification and Accreditation Administration Committee.

1 Scope

This standard specifies the heat treatment institutions and personnel qualifications, facilities and equipment and technical performance, General requirements for the heat treatment process.

This standard applies to heat treating operations activities.

2 Terms and definitions

The following terms and definitions apply to this document.

Steam heat treatment vaporheattreatment Commodity impose saturated steam, the use of the latent heat of condensation of water vapor on the surface of goods for goods released until the product is heated in the low temperature Point of the process to maintain the shortest time.

Dry heat dryairheattreatment Using hot air or hot humidified air (unsaturated vapor) for goods until the product is heated to maintain the shortest possible time at the lowest temperature point process.

Soaked in hot water hotwatersoakingtreatment Use hot water immersion goods, commodities heated until the product to maintain the shortest possible time at the lowest point of the process temperature.

Heat treatment library heattreatmentchamber by heat treatment technology to kill harmful

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organisms fixed facilities.

3 Quality and safety regulatory requirements

3.1

heat treatment bodies should have AQSIQ or directly under the Exit Inspection and Quarantine issued a certificate of qualification, regulatory authorities should be strengthened Heat treatment institutions supervision and evaluation.

3.2

heat-treating employees should be subject to professional training, holding CIQ branches thereof, or on the inspection and quarantine departments awarded Qualification certificates issued, boiler worker quality supervision departments should hold issued by the job qualification certificate. Heat-treating regular training employees to deal with, Heat treatment to strengthen the emergency disposal Publicizing knowledge and training.

3.3

heat-treating operations should be the technical specifications, and in accordance with the technical specifications required to implement.

3.4

heat treatment should be recorded, processed records should include the purpose, method, treatment temperature, duration, effect evaluation, conclusions.

3.5

heat treatment process and the effect should be subject to the supervision authorities.

4.1.1 Steam heat treatment equipment

Combustion equipment, heat treatment library, heating facilities (high-pressure steam boiler or pressure steam boiler, radiators, steam injection tube, forced circulation fan, sparse

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