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**INDUSTRY STANDARD OF THE
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**Technical specifications for tannery industry wastewater
treatment**

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Foreword

To implement the "Environmental Protection Law of the People's Republic of China" and the "Water Pollution Control Law of the People's Republic of China", standardize leather and fur processing this standard is formulated for the construction and operation management of wastewater treatment projects, prevention of environmental pollution, protection of the environment and human health.

This standard specifies the technical requirements for the design, construction, acceptance and operation management of tannery and fur processing wastewater treatment engineering.

This standard is the first release.

Appendix A, Appendix B and Appendix C of this standard are informative annexes.

This standard was formulated by the Science and Technology Standards Department of the Ministry of Environmental Protection.

This standard is mainly drafted by. Shandong Environmental Protection Research and Design Institute, Shandong Leather Research Institute, Shandong Leather Association.

This standard was approved by the Ministry of Environmental Protection on December 17, 2010.

This standard has been implemented since March 1, 2011.

This standard is explained by the Ministry of Environmental Protection.

Technical specifications for the treatment of tannery and fur processing wastewater

1 Scope of application

This standard specifies the general requirements, process design, inspection control, construction acceptance, operation dimension of the leather and fur processing wastewater treatment project.

Technical requirements for protection.

This standard is applicable to the leather and fur processing wastewater treatment project using raw hide as raw material and using chrome tanning process, which can be used as environmental impact assessment.

Technical basis for feasibility study, design, construction, installation, commissioning, acceptance, operation and supervision and management, using other raw materials and tanning processes the tanning and fur processing enterprises and the wastewater treatment projects in the centralized processing areas can be referred to.

2 Normative references

The contents of this standard refer to the terms in the following documents. For undated references, the valid version applies to this standard.

GB 4284 Contaminant control standard for agricultural sludge GB 5085.3 Identification criteria for hazardous wastes GB 7251 low-voltage switchgear and control equipment GB 12348 Environmental noise emission standards for industrial enterprises General rules for safety and health requirements of GB 12801 production process GB 14554 Odor Pollutant Discharge Standard GB 15562.1 Environmental protection graphic mark discharge port (source) GB 18484 Hazardous Waste Incineration Pollution Control Standard GB 18597 Hazardous Waste Storage Pollution Control Standard GB 18598 Hazardous Waste Safety Landfill Pollution Control Standard GB 18599 General industrial solid waste storage and disposal site pollution control standards GB 50014 Outdoor Drainage Design Code GB 50015 Building Water Supply and Drainage Design Code GB 50016 Building Design Fire Code GB 50019 Heating, Ventilation and Air Conditioning Design Code GB 50033 Architectural lighting design standard GB 50034 Architectural Lighting Design Standard GB 50037 Building Ground Design Specification GB 50046 industrial building anti-corrosion design specification GB 50052 design specification for power distribution system GB 50053 10 kV and below substation design specifications GB 50054 Low Voltage Distribution Design Specification GB 50055 general purpose electrical equipment power distribution design specification GB 50057 lightning protection design code for buildings GB 50069 Water supply and drainage engineering structure design specification GB 50093 automation instrument engineering construction and acceptance specification GB 50108

Underground Engineering Waterproof Technical Specifications GB 50116 Fire Automatic Alarm System Design Specification GB 50168 Electrical installation engineering cable line construction and acceptance specifications GB 50169 Electrical installation engineering grounding device construction and acceptance specifications GB 50187 General Plan for Design of Industrial Enterprises GB 50204 Concrete Structure Engineering Construction Quality Acceptance Specification GB 50208 Underground Waterproof Engineering Quality Acceptance Specification GB 50222 Building interior decoration design fire protection specification General specification for construction and acceptance of GB 50231 mechanical equipment installation engineering GB 50236 Field equipment, industrial pipeline welding engineering construction and acceptance specifications GB 50243 Ventilation and air conditioning engineering quality acceptance specification GB 50254 Electrical installation engineering Low-voltage electrical installation and acceptance specifications GB 50255 Electrical installation engineering construction and acceptance specifications for power converter equipment GB 50256 Electrical installation and construction crane electrical installation construction and acceptance specifications GB 50257 Electrical installation engineering explosion and fire hazard environment electrical installation construction and acceptance specifications GB 50268 Water supply and drainage pipeline engineering construction and acceptance specifications GB 50275 Compressor, fan, pump installation engineering construction and acceptance specifications GB 50334 Urban Wastewater Treatment Plant Engineering Quality Acceptance Specification GB 50336 Design code for water in buildings GB 50395 video security monitoring system engineering design specification GB/T 16483 chemical safety data sheet content and project sequence GB/T 18920 Urban Wastewater Recycling Urban Miscellaneous Water Quality GB/T 19837 city water supply and drainage ultraviolet disinfection equipment GB/T.19923 Urban sewage recycling industrial water quality GB/T 50335 Wastewater Recycling Engineering Design Specification GB J 115 Industrial TV System Engineering Design Specification GB J 125 water supply and drainage design basic terminology standard GB J 141 Code for construction and acceptance of water supply and drainage structures GBZ 1 industrial enterprise design hygiene standard GBZ 2.1 Occupational exposure limits for workplace hazards Part 1. Chemical hazards GBZ 2.2 Occupational exposure limits for workplace hazards Part 2. Physical hazards HJ/T 91 Surface Water and Wastewater Monitoring Technical Specifications HJ/T 92 Water Pollutant Total Monitoring Technical Specification HJ/T 96 Environmental Protection Product Technical Requirements pH Water Quality Automatic Analyzer Technical Requirements HJ/T 101 Environmental Protection Product Technical Requirements Ammonia Nitrogen Water Quality Analyzer Technical Requirements HJ/T 242 environmental protection product technical requirements belt press filter for sludge dewatering HJ/T 247 Technical requirements for environmental protection products Vertical shaft mechanical surface aerator HJ/T 250 Environmental Protection Products Technical Requirements Rotary Fine Grille HJ/T 251 environmental protection product technical requirements Roots blower HJ/T 252 environmental protection product technical requirements, microporous aerator HJ/T

259 environmental protection product technical requirements rotary brush aeration device HJ/T 261 environmental protection product technical requirements pressure dissolved air flotation device HJ/T 262 environmental protection product technical requirements grille decontamination machine HJ/T 265 environmental protection product technical requirements scraper HJ/T 266 environmental protection product technical requirements suction machine HJ/T 272 Environmental Protection Products Technical Requirements Chemical Process Chlorine Dioxide Disinfectant Generator HJ/T 277 environmental protection product technical requirements rotary decanter HJ/T 278 environmental protection product technical requirements single-stage high-speed aeration centrifugal blower HJ/T 279 environmental protection product technical requirements push flow submersible mixer HJ/T 280 environmental protection product technical requirements rotary aerator HJ/T 282 environmental protection product technical requirements shallow pool air flotation device HJ/T 283 environmental protection product technical requirements chamber filter press and plate and frame filter press HJ/T 336 Environmental Protection Product Technical Requirements Submersible Sewage Pump HJ/T 354 water pollution source online monitoring system acceptance technical specification HJ/T 369 Environmental Protection Product Technical Requirements Dosing Device for Water Treatment HJ/T 377 Environmental Protection Products Technical Requirements Chemical Oxygen Demand (CODCr) Water Quality Online Automatic Monitor Design code for CECS 111 sewage activated sludge treatment in cold regions CECS 112 oxidation ditch design procedure CJJ 60 Urban Wastewater Treatment Plant Operation, Maintenance and Safety Technical Regulations LD 35 Tanning Safety and Hygiene Regulations NY/T 1220.2 Technical Specifications for Biogas Engineering - Part 2. Gas Supply Design NY/T 1222 Large-scale livestock and poultry farm biogas engineering design specification QB/T 1261 fur industry terminology QB/T 2262 Leather Industry Terminology Measures for Completion and Acceptance of Construction Projects (Engineering) (Project Construction [1990] No. 1215) Measures for the Administration of Environmental Protection Acceptance for Completion of Construction Projects (Order No. 13 of the State Environmental Protection Administration) "Technical Requirements for Standardization and Remediation of Sewage Discharge Ports" (Trial) (Environmental Supervision [1996] No. 470) Measures for the Automatic Monitoring of Pollution Sources (Order No. 28 of the State Environmental Protection Administration)

3 Terms and definitions

The terms in QB/T 2262, QB/T 1261, GB J 125 and the following terms and definitions apply to this standard.

Leather and fur central processing zone Refers to a group of enterprises mainly composed of tanning and fur processing industries. The enterprises are relatively concentrated in distribution, and the districts are fully functional and relatively independent.

area.